

RENEWAL CONTRACT
BY AND BETWEEN
THE CITY OF SOMERVILLE ACTING THROUGH
THE PURCHASING DEPARTMENT
AND
F. THOMAS DONAHUE

Contract 140315 Renewal Year 2

Contract Amount: \$ 50,000.00

P.O. # 2015 4966

P.O. Amount: \$ 15,000.00

Contract Period: 1/01/2015 to 12/31/2015

Contract For: Engineering Services for the Water Department

Vendor: F. Thomas Donahue
13E Sea Breeze Lane
Nahant, MA 01908
781-710-3415

ACCORDING TO THE SPECIFICATIONS CONTAINED HEREIN.

F. Thom Donahue, C.E., MBA

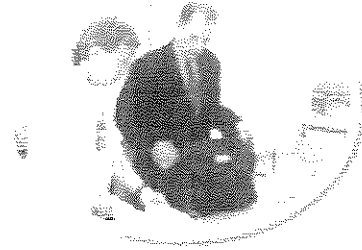
13-E Sea Breeze Lane

Nahant, Massachusetts 01908

781-710-3415 • thom.donahue2@verizon.net • www.linkedin.com/in/thomdonahue

February 5, 2015

City of Somerville
DPW Water Department
One Franey Road
Somerville, MA 02145



Invoice

For Professional Services Rendered per Contract #140315
January 1, 2015 – January 31, 2015

- MA Licensed 4D Drinking Water System Operator
- MA Licensed Construction Supervisor
- MA Certified Supervising Civil Engineer VI
- OSHA Certified: Construction Safety, Excavation, Confined Space

Meetings, Site Inspections, Field Measurements, Quantity Estimates, Map & Plan Indexing, Documentation, Correspondence, Liaise w/ Support Personnel, O&M Oversight, Research, Project Cost Estimates, and ongoing Workshops:

Date/(H'rs): 7/(6.5); 8/(6.5); 9/(3.0); 12/(6.0); 14(6.0);
20/(6.5); 21/(6.5); 26/(6.5); 30/(7.5);

55 hours @ \$60.00 per hour

Total Due: \$3,300.00

F. Thom Donahue
2/11/15

20154966
600052 -
530000

F. Thom Donahue, C.E., MBA

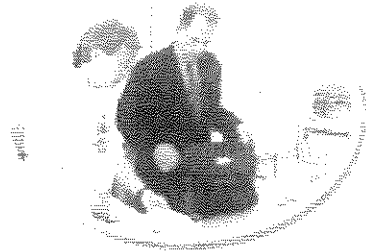
13-E Sea Breeze Lane

Nahant, Massachusetts 01908

781-710-3415 • thom.donahue2@verizon.net • www.linkedin.com/in/thomdonahue

April 2, 2015

City of Somerville
DPW Water Department
One Franey Road
Somerville, MA 02145



Invoice

For Professional Services Rendered per Contract #140315

March 1, 2015 – March 31, 2015

-MA Licensed 4D Drinking Water System Operator

-MA Licensed Construction Supervisor

-MA Certified Supervising Civil Engineer VI

-OSHA Certified: Construction Safety, Excavation, Confined Space

Meetings, Site Inspections, Field Measurements, Quantity Estimates, Map & Plan Indexing, Documentation, Correspondence, Liaise w/ Support Personnel, O&M Oversight, Research, Project Cost Estimates, and ongoing Workshops:

Date/(H'rs): 3rd/(6); 5th/(3); 12th/(8); 20th/(8); 25th/(8);
26th/(3.5); 31st/(1):

37.5 hours @ \$60.00 per hour

Total Due: \$2,250.00

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4/3/15

20154966
600052 - 530000

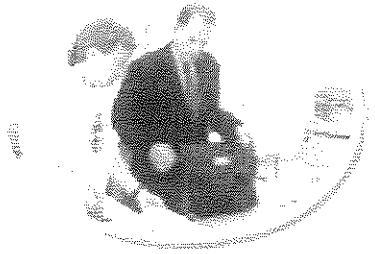
20154966
600052 - 530000

F. Thom Donahue, C.E., MBA

13-E Sea Breeze Lane
Nahant, Massachusetts 01908
781-710-3415 • thom.donahue2@verizon.net • www.linkedin.com/in/thomdonahue

May 4, 2015

City of Somerville
DPW Water Department
One Franey Road
Somerville, MA 02145



Invoice

For Professional Services Rendered per Contract #140315
April 1, 2015 – April 30, 2015

- MA Licensed 4D Drinking Water System Operator
- MA Licensed Construction Supervisor
- MA Certified Supervising Civil Engineer VI
- OSHA Certified: Construction Safety, Excavation, Confined Space

Meetings, Site Inspections, Field Measurements, Quantity Estimates, Map & Plan Indexing, Documentation, Correspondence, Liaise w/ Support Personnel, O&M Oversight, Research, Project Cost Estimates, and ongoing Workshops:

Date/(H'rs): 3rd/(8); 9th/(8); 16th/(8.5); 21st/(1); 23rd/(3);
24th/(6); 27th/(5.5); 30th/(6)

46 hours @ \$60.00 per hour

Total Due: \$2,760.00

[Handwritten Signature]
5/26/15

F. Thom Donahue, C.E., MBA

13-E Sea Breeze Lane

Nahant, Massachusetts 01908

781-710-3415 • thom.donahue2@verizon.net • www.linkedin.com/in/thomdonahue

June 5, 2015

City of Somerville
DPW Water Department
One Franey Road
Somerville, MA 02145



Invoice

For Professional Services Rendered per Contract #140315
May 1, 2015 – May 31, 2015

- MA Licensed 4D Drinking Water System Operator
- MA Licensed Construction Supervisor
- MA Certified Supervising Civil Engineer VI
- OSHA Certified: Construction Safety, Excavation, Confined Space

Meetings, Site Inspections, Field Measurements, Quantity Estimates, Map & Plan Indexing, Documentation, Correspondence, Liaise w/ Support Personnel, O&M Oversight, Research, Project Cost Estimates, and ongoing Workshops:

Date/(H'rs): 4th/(1); 5th/(5); 8th/(4); 11th/(3); 13th/(3);
14th/(5.5); 21st/(8); 26th/(4) 29th/(4.5)

38 hours @ \$60.00 per hour

Total Due: \$2,280.00

20154966

*J. Donahue
6/5/15*

no invoices

Exempt
Professional Services Agreement
By And Between
The City Of Somerville
Acting Through Its Purchasing Department
And
Gale Associates, Inc.

For: Recreation Department

Contract # 150412

Contract Not-to-Exceed Amount \$15,000.00

Purchase Order # 20155677

P.O. Amount \$ 11,920.00

Contract Period: 3/01/2015 – 6/30/2015

Contract For: Civil Engineering Services for Post Snow Assessments of Six City-managed Recreation Fields

Vendor: Gale Associates, Inc.
163 Libbey Parkway
PO Box 890189
Weymouth, MA 02189
781-335-6465

Contact: William Seymour, P.E.
Director, Civil Engineering
wjs@gainc.com

ACCORDING TO SPECIFICATIONS CONTAINED HEREIN

CONTRACT
BY AND BETWEEN
THE CITY OF SOMERVILLE ACTING THROUGH
THE PURCHASING DEPARTMENT
AND
WESTON & SAMPSON ENGINEERS, INC.

Contract No.: 150414

P.O. No.: N/A

P.O. Amount: \$ N/A

Bid No.: RFQ#15-47

Not to Exceed: \$400,000.00

(Note: annual not-to-exceed amount *per category* is \$200,000)

Contract Period: March 1, 2015 – February 29, 2016
(With two one-year options to renew)

Contract For: House Doctor Agreement for Architectural & Engineering Services –
Category 3 (Environmental Engineering and Testing) and Category 4 (Property
Development Services)

Vendor: Weston & Sampson Engineers, Inc.
85 Devonshire Street, 3rd floor
Boston, MA 02109

Contact: Eugene R. Bolinger, Vice President
bolingere@wseinc.com
617-412-4480

ACCORDING TO THE SPECIFICATIONS CONTAINED HEREIN.

NO INVOICES

Exempt
Professional Services Agreement
By And Between
The City Of Somerville
Acting Through Its Purchasing Department
And
FAY, SPOFFORD & THORNDIKE, LLC

Contract # 150459

Contract Amount \$ 200,000.00

Purchase Order # 20156429

P.O. Amount \$ 2,000.00

Contract Period: 01/01/2015 to 12/31/2015

Contract For: On-Call Engineering Services

Vendor: Fay, Spofford & Thorndike, LLC
5 Burlington Woods
Burlington, MA 01803
781-221-1000
781-229-1115

Contact: William J. Reed - wreed@fstinc.com

ACCORDING TO SPECIFICATIONS CONTAINED HEREIN

KIM/ENG
B.

20156659
140352-530000



Somerville DPW
1 Franey Road
Somerville MA 02145

PROJECT REF #

DATE: FEBRUARY 18, 2015

SUBJECT -
Somerville DPW
2235

PROJECT # DS-015-4

FOR PROFESSIONAL SERVICES RENDERED THROUGH 1/31/15

PROJECT DS-015 SOMERVILLE, MA 2014 - 2015 ON CALL ENGINEERING SERVICES

DIRECT LABOR

Subdivision 100: ADMIN

HOURS RATE AMOUNT

Scarpati, William P Principal Asset Management Specialist 11.00 130.00 1,430.00

Subtotal Subdivision 100 \$1,430.00

Subdivision 201: 2015 BID PACKAGE

Scarpati, William P Principal Asset Management Specialist 12.00 130.00 1,560.00

Rivard, James A Sr Engineer 31.00 115.00 3,565.00

Mancuso, Michael J Engineer 7.50 88.00 660.00

Subtotal Subdivision 201 \$5,785.00

Subdivision 300: PAVEMENT MANAGEMENT UPDATE/ANALYSIS

Scarpati, William P Principal Asset Management Specialist 5.00 130.00 650.00

Mancuso, Michael J Engineer (10.00) 88.00 (880.00)

Josen, Ramandeep S. Assistant Engineer II 44.00 85.00 3,740.00

Subtotal Subdivision 300 \$3,510.00

Subdivision 400: ADA CONSULTATION/ASSET MANAGEMENT

Scarpati, William P Principal Asset Management Specialist 39.50 130.00 5,135.00

Cloutier, Alan T Principal Engineer 13.00 127.00 1,651.00

Rivard, James A Sr Engineer 2.00 115.00 230.00

Mancuso, Michael J Engineer 28.50 88.00 2,508.00

Josen, Ramandeep S. Assistant Engineer II 47.00 85.00 3,995.00

Subtotal Subdivision 400 \$13,519.00

5 Burlington Woods
Burlington, MA 01803
T: 800.835.8666
T: 781.221.1000
F: 781.229.1115
www.fstinc.com

FAY, SPOFFORD & THORNDIKE

Offices in: Massachusetts, New Hampshire, Maine, Connecticut and New York

FAY, SPOFFORD & THORNDIKE

Subdivision 705: 92 PROSPECT STREET - Peer Rev.

Piccirilli, Joseph	Assistant Engineer II	2.00	88.00	176.00
				Subtotal Subdivision 705
				\$176.00

Subdivision 707: 181-197 WASHINGTON ST - Peer Rev.

Perry, Wayne C	Sr Principal Engineer/Planner	8.00	135.00	1,080.00
				Subtotal Subdivision 707
				\$1,080.00

Subdivision 711: 8 CLYDE ST - Peer Rev.

Perry, Wayne C	Sr Principal Engineer/Planner	2.50	135.00	337.50
				Subtotal Subdivision 711
				\$337.50

Subdivision 712: 314-316 SOMERVILLE AV - Peer Rev.

Bartlett, Mark S	Associate	0.50	150.00	75.00
Perry, Wayne C	Sr Principal Engineer/Planner	5.00	135.00	675.00
Piccirilli, Joseph	Assistant Engineer II	2.50	88.00	220.00
				Subtotal Subdivision 712
				\$970.00

Subdivision 713: 40 PITMAN ST - Peer Rev.

Perry, Wayne C	Sr Principal Engineer/Planner	5.00	135.00	675.00
				Subtotal Subdivision 713
				\$675.00

Subdivision 714: 45 ADRIAN STREET - Peer Rev.

Perry, Wayne C	Sr Principal Engineer/Planner	2.00	135.00	270.00
Piccirilli, Joseph	Assistant Engineer II	3.50	88.00	308.00
				Subtotal Subdivision 714
				\$578.00

Subdivision 715: ASSEMBLY ROW Acceptance - Peer Rev.

Perry, Wayne C	Sr Principal Engineer/Planner	5.00	135.00	675.00
Piccirilli, Joseph	Assistant Engineer II	2.00	88.00	176.00
Josen, Ramandeep S.	Assistant Engineer II	12.00	85.00	1,020.00
				Subtotal Subdivision 715
				\$1,871.00

FAY, SPOFFORD & THORNDIKE

Subdivision 716: 315 BROADWAY - Peer Rev.

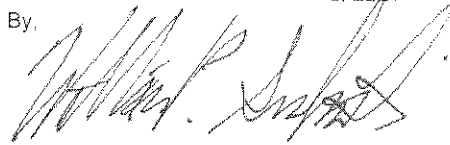
Perry, Wayne C	Sr Principal Engineer/Planner	1.50	135.00	202.50
Piccirilli, Joseph	Assistant Engineer II	4.00	88.00	352.00
Subtotal Subdivision 716				<u>\$554.50</u>
Subtotal				<u>\$30,486.00</u>
TOTAL AMOUNT DUE THIS INVOICE				<u><u>\$30,486.00</u></u>

Contract Total:	\$100,000.00
Total Prior Billings:	\$48,266.78
Total This Invoice:	<u>\$30,486.00</u>
Amount Remaining:	\$21,247.22

Very truly yours,

FAY, SPOFFORD & THORNDIKE, LLC

By,



William P. Scarpati
Project Manager
WPS:ps

20156659
140352-530000

INVOICE



Somerville DPW
1 Franey Road
Somerville MA 02145

DATE: APRIL 10, 2015

CLIENT REF #

Somerville DPW
2235

PROJECT # DS-015-6

FOR PROFESSIONAL SERVICES RENDERED THROUGH 3/28/15

PROJECT DS-015 SOMERVILLE, MA 2014 - 2015 ON CALL ENGINEERING SERVICES

DIRECT LABOR

		HOURS	RATE	AMOUNT
Subdivision 100: ADMIN				
Scarpati, William P	Principal Asset Management Specialist	2.50	130.00	325.00
Skotz, Lisa C	Pavement Technician	0.50	65.00	32.50
Subtotal Subdivision 100				\$357.50
Subdivision 201: 2015 BID PACKAGE				
Scarpati, William P	Principal Asset Management Specialist	2.50	130.00	325.00
Rivard, James A	Sr Engineer	11.00	115.00	1,265.00
Mancuso, Michael J	Engineer	8.00	88.00	704.00
Subtotal Subdivision 201				\$2,294.00
Subdivision 400: ADA CONSULTATION/ASSET MANAGEMENT				
Scarpati, William P	Principal Asset Management Specialist	3.00	130.00	390.00
Rivard, James A	Sr Engineer	29.00	115.00	3,335.00
Josen, Ramandeep S.	Assistant Engineer II	12.00	85.00	1,020.00
Subtotal Subdivision 400				\$4,745.00
Subdivision 713: 40 PITMAN ST - Peer Rev.				
Perry, Wayne C	Sr Principal Engineer/Planner	3.00	135.00	405.00
Subtotal Subdivision 713				\$405.00

FAY, SPOFFORD & THORNDIKE

Subdivision 715: ASSEMBLY ROW Acceptance - Peer Rev.

Perry, Wayne C	Sr Principal Engineer/Planner	5.00	135.00	675.00
Scarpati, William P	Principal Asset Management Specialist	8.50	130.00	1,105.00
Subtotal Subdivision 715				<u>\$1,780.00</u>

Subdivision 717: 318 BEACON ST - Peer Rev.

Perry, Wayne C	Sr Principal Engineer/Planner	3.00	135.00	405.00
Piccirilli, Joseph	Assistant Engineer II	5.00	88.00	440.00
Subtotal Subdivision 717				<u>\$845.00</u>

Subdivision 719: 47-R FRANKLIN ST - Peer Rev.

Perry, Wayne C	Sr Principal Engineer/Planner	0.50	135.00	67.50
Subtotal Subdivision 719				<u>\$67.50</u>

Subtotal \$10,494.00

TOTAL AMOUNT DUE THIS INVOICE \$10,494.00

Contract Total.	\$100,000.00
Total Prior Billings:	\$96,788.50
Total This Invoice:	<u>\$10,494.00</u>
Amount Remaining:	(\$7,282.50)

Very truly yours,

FAY, SPOFFORD & THORNDIKE, LLC.

By:



William P. Scarpati
Project Manager
WPS:ps

RENEWAL CONTRACT
BY AND BETWEEN
THE CITY OF SOMERVILLE ACTING THROUGH
THE PURCHASING DEPARTMENT
AND
DESIGN CONSULTANTS, INC.

Contract 140121 Renewal Year 2

Contract Amount: \$ 200,000.00

P.O. # 20153568

P.O. Amount: \$ 1,500.00

Contract Period: 10/01/2014 to 09/30/2015
With one (1), One year Option to renew

Contract For: On-Call Engineering Services

Vendor: Design Consultants, Inc.
120 Middlesex Ave. Suite 20
Somerville, MA 02145
617-776-3350
617-776-7710

Contact: David Giangrande – dgiangrande@dcj-ma.com

ACCORDING TO THE SPECIFICATIONS CONTAINED HEREIN.

Invoice

Design Consultants, Inc.
120 Middlesex Avenue, Suite 20
Somerville, MA 02145-1104
Tel: (617) 776-3350

February 18, 2015
Project No: 2014-121.00
Invoice No: 0020467

City of Somerville
Gregory Jenkins, Director
Arts Council
93 Highland Ave
Somerville MA 02143

Project: 2014-121.00 10 POPLAR ST, SOMERVILLE (P.UT.T)
Professional Surveyin Services (Contract 11/17/14)
Waste Management Facility

Professional services from November 24, 2014 to January 25, 2015

Fee

Total Fee	7,500.00		
Percent Complete	90.00	Total Earned	6,750.00
		Previous Fee Billing	0.00
		Current Fee Billing	6,750.00
		Total Fee	6,750.00

>> 333315-530000
CRC 2 Accoun...
Vendor # 13058
Contract # 140121R2
2015 3644
4/9/15
Batch # 8151

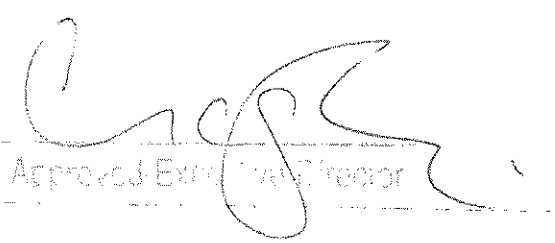
Reimbursable Expenses

Reproductions/Printing/Copying			
1/31/15 Somerville, City of (DPW)	Plans		29.25
Total Reimbursables		1.1 times	29.25 32.18

Billing Limits	Current	Prior	To-date
Fees	6,750.00	0.00	6,750.00
Limit			7,500.00
Remaining			750.00

Total this invoice \$6,782.18

Approved by: 


Approved Executive Director

Invoice

Design Consultants, Inc.
120 Middlesex Avenue, Suite 20
Somerville, MA 02145-1104
Tel: (617) 776-3350

PO 2015 6347

February 18, 2015
Project No: 2013-133.00
AI Invoice No: 0020447

City of Somerville
Director of Engineering
Department of Public Works
1 Franey Road
Somerville MA 02145

Pay Invoice

Project: 2013-133.00 SOMERVILLE ON-CALL ENGINEERING #140121 R2

On-Call Engineering Services Contract #140121

~~PC# 20142730 - \$60,000~~
~~PC# 20153568 - \$1,500~~

Professional services from December 29, 2014 to January 25, 2015

Professional Personnel

	Hours	Rate	Amount
Project Manager			
Glangrande, David	18.00	140.00	2,520.00
Project Engineer/Civil			
Keefner, Wayne	0.25	115.00	28.75
Totals	18.25		2,548.75
Total Labor			2,548.75

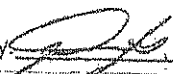
Consultants

Environmental Partners Group, Inc.			
1/31/15 Environmental Partners Group, Inc.	Environmental Consultant 12/1-12/31/14		11,194.93
Total Consultants	1.0 times	11,194.93	11,194.93

Billing Limits	Current	Prior	To-date
Total Billings	13,743.68	67,790.50	81,534.18
Limit			87,500.00
Remaining			5,965.82

Outstanding Invoices **Total this invoice \$13,743.68**

Number	Date	Balance
0020182	11/19/14	6,740.00
0020351	1/22/15	13,163.75
Total		19,903.75

Approved by 

INVOICE PAYABLE UPON RECEIPT

Invoice

Environmental Partners Group, Inc.
 1900 Crown Colony Drive, Suite 402
 Quincy, MA 02169
 Tel: (617)-657-0200 Fax: (617)-657-0201

Design Consultants, Inc.
 120 Middlesex Ave., Suite 20
 Attn: David Giangrande
 Somerville, MA 02145

January 29, 2015
 Project No: 272-1402.00
 Invoice No: 1214161

Project 272-1402.00 DCI-Community Bike Path - Soil Borings & Environmental Screening
Professional Services from December 01, 2014 to December 31, 2014

Professional Personnel

	Hours	Rate	Amount	
Elkary, Ziad	12.00	179.40	2,152.80	
Horan, Sean	3.50	30.00	105.00	
Turbeville, Ann Marie	6.00	150.00	900.00	
Totals	21.50		3,157.80	
Total Labor				3,157.80

Consultants

Resident Engineer			1,450.00	
Drilling Sub-Contractor			3,761.25	
Laboratory Sub-Contractor			940.00	
Total Consultants		1.1 times	6,151.25	6,766.38

Reimbursable Expenses

Equipment Rental			1,105.00	
Total Reimbursables		1.15 times	1,105.00	1,270.75

Billing Limits

	Current	Prior	To-Date
Total Billings	11,194.93	0.00	11,194.93
Limit			18,500.00
Remaining			7,305.07

Total this Invoice \$11,194.93

Billings to Date

	Current	Prior	Total
Labor	3,157.80	0.00	3,157.80
Consultant	6,766.38	0.00	6,766.38
Expense	1,270.75	0.00	1,270.75
Totals	11,194.93	0.00	11,194.93

It's been a pleasure working with you.

Sincerely,

Design Consultants, Inc.
Consulting Engineers & Land Surveyors



Main Office:
120 MIDDLESEX AVE. STE 20
SOMERVILLE, MA 02145
Tel: 617-776-3350

North Shore Office:
68 PLEASANT STREET
NEWBURYPORT, MA 01950
Tel: 978-358-7173

April 15, 2015

Mr. Stanley Koty
Commissioner
Department of Public Works
1 Franey Road
Somerville, MA 02145

**RE: Community Bike Path
Lighting improvements**

Dear Stanley:

DESIGN CONSULTANTS, INC. (DCI) is pleased to submit this proposal for *Engineering Services* required to design and install foundations for solar powered lights associated with the community bike path.

It is our understanding that the City of Somerville is looking to install seven (7) new solar powered lights. The City is in need of design and installation services for foundations to support said lights. The locations have been marked in the file and are shown on a plan provided by Solar One through the City of Somerville. Additionally, the city has also provided dimensional and load information for the design of said foundations.

The scope of service below is intended to facilitate the erecting of said lights by the City.

SCOPE OF SERVICES

TASK 1 PROJECT INITIATION AND COODINATION

Design Consultants Inc. will coordinate with the City of Somerville all aspects of Community Bike Path lighting project. The City has requested a proposal to provide engineering service to facilitate the placement of seven solar powered lights along the community bike path. DCI will coordinate subcontractors including geotechnical engineers, environmental engineers, and structural engineers. DCI will coordinate borings and provide a Geotechnical Report for the locations identified in a sketch plan and provide it to DCI. The geotechnical report will evaluate the soils for contamination and structural bearing capacity. DCI will also evaluate foundation options and present these options to the City for their consideration. Finally, DCI will work with the City to have the foundations installed by a qualified installer. DCI will coordinate structural aspects of the project with the light supplier, Solar One.

TASK 2 GEOTECHNICAL ASSESSMENT

A test boring program will consist of borings using hollow stem augers with standard penetration tests and split spoon samples taken at 5-foot intervals from surface to approximately fifteen to twenty feet below top of grade. Pavement core samples, if present, will also be taken and thicknesses recorded. Soils will be classified by visual and textural examination in accordance with ASTM D 2488. Soil samples will be collected at 5 foot intervals and up to 20 samples will be sent out for off-site gradation analysis at a certified laboratory.

A Geotechnical Report will be provided by Environmental Partners Group Inc., to assess the subsurface conditions and provide construction recommendations for the proposed light pole foundations. The diameter of each borehole will be approximately 6 inches. The surfaces of the boring locations are either in paved or vegetated areas. The drill rig may leave tire tracks in the vegetated areas or break some tree branches in the process of accessing the borehole locations. Restoration will be completed by others.

In addition to the geotechnical investigations, soils from each boring will be screened in the field and/or analyzed for oil or hazardous materials to determine potential disposal alternatives for soils generated during installation of the light pole foundations. During advancement of environmental borings, soil samples will be collected and screened as follows:

- Each soil sample will be inspected for the presence of ash/fill material and screened using the following screening tools.
- Photoionization detector (PID) using the DEP's Jar Headspace Method
XRF Analyzer Thermo NITON XRF Analyzer XL3T600 (or equivalent) for Metals.
- If VOC Headspace screening readings are above 10 ppm/v and/or the soils exhibit an unnatural odor, then a sample will be submitted to a DEP-certified laboratory for VOC analysis (EPA Method 8260).
- If the soils are stained/discolored or contain ash-like material, the sample will be submitted to a DEP-certified laboratory for SVOC analysis (EPA Method 8270).
- If the metals concentrations detected by the XRF analyzer indicate concentrations of metals potentially above RCS-1 concentrations, then the soil sample will be submitted to a DEP-certified laboratory for those specific metals.

Following the completion of the borings, the soil cuttings will be backfilled within the borehole. Excess drill cuttings will be containerized pending soil characterization and/or receipt of lab results demonstrating no compounds present at concentrations exceeding RCS-1 standards. Once soil characterization indicates no compounds present at

concentrations exceeding MCP RCS-1 standards, the excess drill cuttings will be placed in vegetated areas on-site.

The drilling equipment will be decontaminated between boreholes. Groundwater generated during equipment decontamination will be containerized pending the results of the soil testing. If soils greater than RCS-1 concentrations are detected, the development water will be tested for those parameters that exceed RCS-1 concentrations. If the tested decontamination water exceeds RCGW-1 concentrations, then that decontamination water will be disposed off-site, otherwise the decontamination water will be discharged to the ground surface near the test borings.

It is our understanding that the City will manage and pay for the off-site removal and disposal of any contaminated soil cuttings and decontamination water; the City will also sign the disposal manifests. It is anticipated that two drillers and a geologist will be on-site with the drill rig for a period of approximately 3 days to advance these borings.

Soil Borings/Environmental Screening

Environmental Partners will subcontract to Northern Drill Service to advance the nine borings in the designated locations using a hollow-stem auger rig to the depths detailed above.

Soils will be classified by visual and textural examination in accordance with ASTM D 2488 by the subcontractor geologist and submitted to a geotechnical laboratory for gradation analysis. As part of this field effort, the locations will be pre-marked for Dig-Safe. The driller will obtain the Dig-Safe ticket, provide traffic control devices as required to delineate work zones around the test boring operations and police details. Based on our discussions and email correspondence, the drilling contractor will not be required to obtain an occupancy permit from the City of Somerville and post a street opening bond as required by the City of Somerville which may entail documenting an agreement to abide by the project traffic management plans and provision of proof of insurance. The sub-consultant will summarize the results of the field effort including boring logs, soil testing results, and conclusions and recommendations on whether the underlying soils are suitable to support the proposed light pole foundations. The report will also present disposal alternatives for soils generated during installation of the light pole foundations and estimated disposal costs.

TASK 3 HELICAL PILE INSTALLATION

The subcontractor understands that the City of Somerville will be installing seven (7) new solar powered light poles along the existing bike path. Each of these light poles will be directly supported by a large diameter helical pile shaft that has been designed by others which also includes the connection detail. The subcontractor understands that they are only contracted to supply and install the helical piles and bases for light pole erection. All design of the piles including connection details is the responsibility of others.

The helical subcontractor has based this proposal on the Geotechnical Memorandum prepared by Environmental Partners Group, dated January 7, 2015, Hubbell Power Systems Lighting Foundation cut sheet dated January 7, 2015 and stamped design drawing prepared by Lin Associates, Inc., dated January 22, 2015.

The subcontractor proposes to mobilize our equipment to the site to install the seven (7) helical piles as specified by others. Each helical pile is currently specified as an RS8625.322 shaft 10-feet long with two 16" diameter helices attached in the lower 4-feet. In conversations with the piling manufacturer AB Chance, they only make a lead configuration of a 16" and 18" diameter helices. They assume that we will need to modify the 18" helix to meet the design intent of the design engineers design.

The subcontractor will use their experience as a licensed helical pile installer to properly install the piles as required by the design completed by others. The installation torque based on the required load will be about 500 ft-lbs, but there is a minimum installation depth per the plans of 10-feet that will control the installation of the helical piles. They assume that installation torques will not go over 10,000 ft-lbs of torque. If during the installation they experience soil conditions that vary from what was shown that alters the design installation depth or configuration of the pile will be handled by others.

The subcontractor's installation equipment will be a small excavator the size of a CAT 212 rubber tired machine. This will be able to install piles up to lengths of 10 feet in a single stroke. If the helical pile configuration is longer than this, please notify us so that we can evaluate our assumed installation equipment. Once the piles have been installed to the correct depth and torque as required by design, they assume that they will be terminating the top of pile at the correct elevation provided by others and that no cutting of the piles will be require. The subcontractor has not included the assembly of the base plate for the light poles as we assume this will be supplied by the manufacturer of the light pole along the connection of the light pole to the pile.

ASSUMPTIONS

The helical subcontractor will mobilize our crew and equipment to the site. They will install the helical piles through soil only, as the helical piles will not penetrate any obstructions. Once all the piles have been installed they will then demobilize from the site. The subcontractor will require clear access to the proposed pile locations along with an area to unload our equipment. They have assumed that this unloading area will be at the location of the proposed helical piles.

The subcontractor will require the following items to be provided at no cost:

- Layout of the pile locations will be completed by others. This includes initial layout and any as-built layout of the piles.
- Municipal permits required to perform the work will be applied for by the contractor and expedited by the City. Additionally, it is assumed that the City will waive all fees;
- All obstructions will be handled by others;
- A staging area on site for storing our equipment, which includes parking for at least 2 vehicles;

- Existing site features if in the way will be removed by others;
- Repair of landscape features will be completed by others once we have completed our work;
- Connection of light poles to helical piles by others. It is our understanding that the helical piles and light poles are designed to bolt directly to each other with no assistance required by The subcontractor;
- We understand that the top plate on the helical pile comes pre-assembled to the helical pileshaft;
- The baseplate for the proposed light pole is also provided by that manufacturer. We have assumed that any other supplemental connection plates will not be required but could provide them if needed; and
- We have assumed unlimited headroom at the installation equipment.

WORK NOT INCLUDED:

1. Survey As-builts.

CLIENT'S RESPONSIBILITY:

In addition to the responsibilities of the Client as outlined in other articles of this Agreement, the Client shall also:

1. Provide full information regarding the requirements for the project including project history.
2. The Client shall make available all existing data to the Consultant as needed by the Consultant.
3. The Client shall provide and make available all access into areas required for performing the survey. The Client shall provide all submission requirements which are outside of DCI's scope as stated above for inclusion with the submission package.
4. The Client shall bear the cost of all permits, filings, advertisements, etc.

TERMINATION:

If the project is suspended for more than two (2) months or abandoned in whole or in part, the Consultant shall be paid its' compensation for services performed prior to telephone or written notice from the Client of such suspension or abandonment. This agreement may be terminated by either party upon fourteen (14) days written notice should the other party fail substantially to perform in accordance with its' terms through no fault of the Client. In the event of the termination

due to the fault of others than the Consultant, the Consultant shall be paid its' compensation for services performed to termination date and all terminal expenses.

ASSIGNMENT:

Contract will not be assigned.

TIME AND MANNER

DCI is prepared to begin work immediately upon receipt of this executed proposal and anticipates substantial completion by May 15th.

OWNERSHIP OF DOCUMENTS:

Drawings and estimates prepared by the Consultant under this contract for presentation to the Client shall become and remain the property of the Client when the Client has paid the Consultant in full for the phase of the work during which the documents were produced.

This agreement represents the entire integrated agreement between the Client and Consultant and supersedes all prior negotiations, representations or agreements, either written or oral. This agreement may be amended only by a written instrument signed by both Client and Consultant.

The Client and the Consultant each binds himself, his partners, successors, assigns and legal representatives of such other party to this agreement and to the partners, successors, assigns.

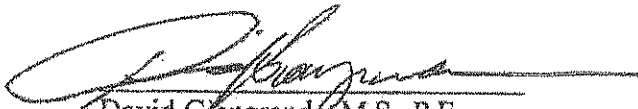
COMPENSATION

The Estimated Fee for professional services described under the "SCOPE OF WORK" shall be \$50,000 on an as-needed basis. The time will be billed on an hourly basis in accordance with the following contract rates.

DCI will provide monthly invoices with man-hours for the individuals providing services and a written synopsis of rendered services.

If you have any questions regarding the scope or fee, please don't hesitate to contact me at (617) 776-3350 ext. 111.

Very truly yours,
DESIGN CONSULTANTS, INC.


David Giangrande, M.S., P.E.
President

Design Consultants, Inc.
Consulting Engineers & Land Surveyors



Main Office:
120 MIDDLESEX AVE. STE 20
SOMERVILLE, MA 02145
Tel: 617-776-3350

North Shore Office:
68 PLEASANT STREET
NEWBURYPORT, MA 01950
Tel: 978-358-7173

March 2, 2015

Ms. Christine Morin
City of Somerville, DPW
One Franey Road
Somerville, MA 02143

Re: On-Call Engineering Services Invoice Brief
PO#20142738

Dear Ms. Morin:

This letter is intended to briefly explain the enclosed invoice for work performed by Design Consultants, Inc. on behalf of the City of Somerville as part of our On-Call Engineering Services from December 29, 2014 to January 25, 2015.

The work completed during this invoice period includes coordination and oversight of borings being performed along the community bike path for future light pole installation as requested by DPW. This invoice includes the geotechnical engineering consultant, laboratory testing (soil characterization) and drilling subconsultant.

If you have any questions with regard to the invoice please contact me directly at (617)776-3350, extension 102.

Thank you for your continued support, please call me with any questions.

Sincerely,

Design Consultants, Inc.

Wayne Keefner, P.E., LEED AP bd+c
Principal

RENEWAL CONTRACT
BY AND BETWEEN
THE CITY OF SOMERVILLE ACTING THROUGH
THE PURCHASING DEPARTMENT
AND
FAY, SPOFFORD & THORNDIKE, LLC

Contract 140134 Renewal Year 2

Contract Amount: \$ 100,000.00

P.O. # 20153500

P.O. Amount: \$ 50,000.00

Contract Period: 10/01/2014 to 09/30/2015
With one (1), One year Option to renew

Contract For: On-Call Engineering Services

Vendor: Fay, Spofford & Thorndike, LLC
5 Burlington Woods
Burlington, MA 01803
781-221-1000
781-229-1115

Contact: William J. Reed – wreed@fstinc.com

ACCORDING TO THE SPECIFICATIONS CONTAINED HEREIN.

20153500
140352-53000



Somerville DPW
1 Franey Road
Somerville MA 02145

DECEMBER 10, 2014

Somerville DPW
2235

DS-015-2

FOR PROFESSIONAL SERVICES RENDERED THROUGH 11/29/14

DS-015 SOMERVILLE, MA 2014 - 2015 ON CALL ENGINEERING SERVICES

DIRECT LABOR		HOURS	RATE	AMOUNT
Subdivision 100: ADMIN				
Scarpati, William P	Sr Asset Management Specialist	8.50	130.00	1,105.00
				Subtotal Subdivision 100 \$1,105.00
Subdivision 200: CONSTRUCTION MANAGEMENT/RAMP LAYOUT				
Mancuso, Michael J	Assistant Engineer II	31.50	88.00	2,772.00
				Subtotal Subdivision 200 \$2,772.00
Subdivision 201: 2015 BID PACKAGE				
Michalak, John M	Sr Principal Engineer	6.00	135.00	810.00
Scarpati, William P	Sr Asset Management Specialist	2.00	130.00	260.00
				Subtotal Subdivision 201 \$1,070.00
Subdivision 300: PAVEMENT MANAGEMENT UPDATE/ANALYSIS				
Scarpati, William P	Sr Asset Management Specialist	9.00	130.00	1,170.00
Mancuso, Michael J	Assistant Engineer II	56.50	88.00	4,972.00
Josen, Ramandeep S.	Assistant Engineer I	10.00	85.00	850.00
				Subtotal Subdivision 300 \$6,992.00
Subdivision 702: 8 CURTIS STREET - Peer Rev.				
Perry, Wayne C	Sr Principal Engineer/Planner	5.00	135.00	675.00
				Subtotal Subdivision 702 \$675.00
Subdivision 703: 103 GLEN STREET - Peer Rev.				
Perry, Wayne C	Sr Principal Engineer/Planner	5.50	135.00	742.50
				Subtotal Subdivision 703 \$742.50

3 Burlington Woods
Burlington, MA 01803
T: 800.833.8666
T: 781.221.1000
F: 781.229.1115
www.fstinc.com

FAY, SPOFFORD & THORNDIKE

Offices in: Massachusetts, New Hampshire, Maine, Connecticut and New York

Subdivision 704: 139 SUMMER STREET - Peer Rev.

Perry, Wayne C	Sr Principal Engineer/Planner	5.50	135.00	742.50
				Subtotal Subdivision 704
				\$742.50

Subdivision 705: 92 PROSPECT STREET - Peer Rev

Perry, Wayne C	Sr Principal Engineer/Planner	7.50	135.00	1,012.50
Piccirilli, Joseph	Assistant Engineer II	4.00	88.00	352.00
				Subtotal Subdivision 705
				\$1,364.50

Subdivision 706: 10 ALLEN COURT - Peer Rev

Perry, Wayne C	Sr Principal Engineer/Planner	5.50	135.00	742.50
				Subtotal Subdivision 706
				\$742.50

Subdivision 707: 181-197 WASHINGTON ST - Peer Rev

Perry, Wayne C	Sr Principal Engineer/Planner	4.00	135.00	540.00
Piccirilli, Joseph	Assistant Engineer II	2.50	88.00	220.00
				Subtotal Subdivision 707
				\$760.00

Subdivision 708: 589-593 SOMERVILLE AV - Peer Rev

Perry, Wayne C	Sr Principal Engineer/Planner	9.50	135.00	1,282.50
Piccirilli, Joseph	Assistant Engineer II	4.50	88.00	396.00
				Subtotal Subdivision 708
				\$1,678.50

Subdivision 709: 508-510 SOMERVILLE AV - Peer Rev

Perry, Wayne C	Sr Principal Engineer/Planner	4.00	135.00	540.00
Piccirilli, Joseph	Assistant Engineer II	4.50	88.00	396.00
				Subtotal Subdivision 709
				\$936.00

Subdivision 710: 47 HUNTING ST - Peer Rev

Perry, Wayne C	Sr Principal Engineer/Planner	4.00	135.00	540.00
Piccirilli, Joseph	Assistant Engineer II	3.00	88.00	264.00
				Subtotal Subdivision 710
				\$804.00

Subtotal

\$20,384.50

TOTAL AMOUNT DUE THIS INVOICE

\$20,384.50

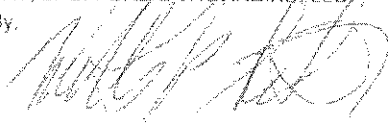
FAY, SPOFFORD & THORNDIKE, LLC

Contract Total:	\$100,000.00
Total Prior Billings:	\$7,962.00
Total This Invoice:	<u>\$20,384.50</u>
Amount Remaining:	\$71,653.50

Very truly yours,

FAY, SPOFFORD & THORNDIKE, LLC,

By:



William P. Scarpati
Project Manager
WPS:ps

20153500



Somerville DPW
1 Franey Road
Somerville MA 02145

November 13, 2014

Somerville DPW
2235

DS-015-1

FOR PROFESSIONAL SERVICES RENDERED THROUGH 10/25/14

DS-015 SOMERVILLE, MA 2014 - 2015 ON CALL ENGINEERING SERVICES

DIRECT LABOR		HOURS	RATE	AMOUNT
Subdivision 100: ADMIN				
Scarpati, William P	Sr Asset Management Specialist	5.50	130.00	715.00
Mancuso, Michael J	Project Engineer	2.50	88.00	220.00
Subtotal Subdivision 100				\$935.00
Subdivision 200: CONSTRUCTION MANAGEMENT/RAMP LAYOUT				
Scarpati, William P	Sr Asset Management Specialist	4.00	130.00	520.00
Mancuso, Michael J	Project Engineer	18.00	88.00	1,584.00
Subtotal Subdivision 200				\$2,104.00
Subdivision 300: PAVEMENT MANAGEMENT UPDATE/ANALYSIS				
Mancuso, Michael J	Project Engineer	8.00	88.00	704.00
Josen, Ramandeep S.	Assistant Project Engineer	9.00	85.00	765.00
Subtotal Subdivision 300				\$1,469.00
Subdivision 400: ADA CONSULTATION/ASSET MANAGEMENT				
Scarpati, William P	Sr Asset Management Specialist	10.00	130.00	1,300.00
Mancuso, Michael J	Project Engineer	0.50	88.00	44.00
Josen, Ramandeep S	Assistant Project Engineer	7.00	85.00	595.00
Subtotal Subdivision 400				\$1,939.00

FAY, SPOFFORD & THORNDIKE

Subdivision 701: 170 SCHOOL STREET - Peer Rev.

Bartlett, Mark S	Principal	1.00	150.00	150.00
Perry, Wayne C	Sr Principal Engineer/Planner	8.00	135.00	810.00
Subtotal Subdivision 701				<u>\$960.00</u>

Subdivision 705: 92 PROSPECT STREET - Peer Rev

Bartlett, Mark S	Principal	1.00	150.00	150.00
Perry, Wayne C	Sr Principal Engineer/Planner	3.00	135.00	405.00
Subtotal Subdivision 705				<u>\$555.00</u>


Subtotal \$7,962.00

TOTAL AMOUNT DUE THIS INVOICE \$7,962.00

Very truly yours,

FAY, SPOFFORD & THORNDIKE, LLC.

By:


William P. Scarpati

Project Manager

WPS:ps

20153500
140352-53000



INVOICE

OFFICE COPY

TO: Somerville DPW
1 Franey Road
Somerville MA 02145

COMM. REF:

DATE: JANUARY 15, 2016

CUSTOMER: Somerville DPW
2236

INVOICE #: DS-015-3

FOR PROFESSIONAL SERVICES RENDERED THROUGH 12/27/14

PROJECT: DS-015 SOMERVILLE, MA 2014 - 2016 ON CALL ENGINEERING SERVICES

DIRECT LABOR

Subdivision	NAME	TITLE	HOURS	RATE	AMOUNT
Subdivision 100: ADMIN					
	Celhan, John	Principal Engineer	2.00	135.00	270.00
	Scarpati, William P	Sr Asset Management Specialist	6.60	130.00	845.00
	Subtotal Subdivision 100				\$1,115.00
Subdivision 201: 2015 BID PACKAGE					
	Scarpati, William P	Sr Asset Management Specialist	10.00	130.00	1,300.00
	Rivard, James A	Sr Engineer	78.00	115.00	8,970.00
	Subtotal Subdivision 201				\$10,270.00
Subdivision 300: PAVEMENT MANAGEMENT UPDATE/ANALYSIS					
	Scarpati, William P	Sr Asset Management Specialist	4.00	130.00	520.00
	Mancuso, Michael J	Assistant Engineer II	19.50	88.00	1,716.00
	Josen, Ramandeep S.	Assistant Engineer I	11.00	85.00	935.00
	Subtotal Subdivision 300				\$3,171.00
Subdivision 400: ADA CONSULTATION/ASSET MANAGEMENT					
	Josen, Ramandeep S.	Assistant Engineer I	8.00	85.00	680.00
	Subtotal Subdivision 400				\$680.00
Subdivision 701: 170 SCHOOL STREET - Peer Rev.					
	Perry, Wayne C	Sr Principal Engineer/Planner	5.00	135.00	675.00
	Subtotal Subdivision 701				\$675.00
Subdivision 705: 92 PROSPECT STREET - Peer Rev.					
	Perry, Wayne C	Sr Principal Engineer/Planner	2.50	135.00	337.50
	Piccirilli, Joseph	Assistant Engineer II	3.00	88.00	264.00
	Subtotal Subdivision 705				\$601.50

5 Burlington Woods
Burlington, MA 01803
T: 800.835.8666
T: 781.221.1000
F: 781.229.1115
www.fstinc.com

FAY, SPOFFORD & THORNDIKE
Offices in: Massachusetts, New Hampshire, Maine, Connecticut and New York

FAY, SPOFFORD & THORNDIKE

Subdivision 706: 10 ALLEN COURT - Peer Rev.

Perry, Wayne C Sr Principal Engineer/Planner

3.00 135.00 405.00

Subtotal Subdivision 706 \$405.00

Subdivision 710: 47 HUNTING ST - Peer Rev.

Perry, Wayne C Sr Principal Engineer/Planner

3.00 135.00 405.00

Subtotal Subdivision 710 \$405.00

Subdivision 711: 8 CLYDE ST - Peer Rev.

Perry, Wayne C Sr Principal Engineer/Planner
Piccirilli, Joseph Assistant Engineer II

4.00 135.00 540.00
11.00 88.00 968.00

Subtotal Subdivision 711 \$1,508.00

Subdivision 712: 314-316 SOMERVILLE AV - Peer Rev.

Perry, Wayne C Sr Principal Engineer/Planner
Piccirilli, Joseph Assistant Engineer II

1.00 135.00 135.00
2.00 88.00 176.00

Subtotal Subdivision 712 \$311.00

Subdivision 713: 40 PITMAN ST - Peer Rev.

Piccirilli, Joseph Assistant Engineer II

3.00 88.00 264.00

Subtotal Subdivision 713 \$264.00

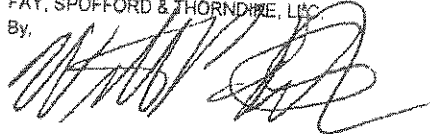
Subtotal \$19,405.50

TOTAL AMOUNT DUE THIS INVOICE \$19,405.50

Contract Total:	\$100,000.00
Total Prior Billings:	\$38,346.50
Total This Invoice:	\$19,405.50
Amount Remaining:	\$42,248.00

Very truly yours,

FAY, SPOFFORD & THORNDIKE, LLC
By,



William P. Scarpati
Project Manager
WPS:ps



FAY, SPOFFORD & THORNDIKE
 DETAILED ACCOUNT OF CASH EXPENDITURES

USE BALL POINT PEN

FOR ACCTG. USE ONLY

NAME James Rivard EMP. NO. 22991
 TRIP TO VARIOUS CAR NO. Personnel
 PURPOSE OF TRIP Inspection

LG-423 20.10
NM-001D 104.10
DS-015 42.00

~~944752 DEC 10~~

RETURN COMPLETED FORM TO ACCOUNTING DEPARTMENT. ATTACH ALL RECEIPTS.

DATE	ITEM	FOR ACCTG. USE ONLY	PROJECT NUMBER	SUB-DIV.	AMOUNT
11/21/14	26 MILES @ 0.56 TO/FROM SALEM / BURLINGTON	1110	LG-423	6-110	14.56
	SALEM / BURLINGTON				20.10
11/24/14	9.5 MILES @ 0.56 TO/FROM MILLBURY / BURLINGTON	1110	NM-001D	6-110	5.31
	MILLBURY / BURLINGTON				
12/02/14	26 MILES @ 0.56 TO/FROM SOMERVILLE / BURLINGTON		DS-015	22	\$14.56
12/03/14	25 MILES @ 0.56 TO/FROM SOMERVILLE / BURLINGTON		DS-015	22	\$14.00
12/05/14	24 MILES @ 0.56 TO/FROM SOMERVILLE / BURLINGTON		DS-015	22	\$13.44
12/13/14	9.5 MILES @ 0.56 TO/FROM MILLBURY / BURLINGTON	1110	NM-001D	6-110	5.31
	MILLBURY / BURLINGTON				

APPROVED

[Handwritten Signature]

TOTAL

1166.32
\$182.72



FAY, SPOFFORD & THORNDIKE
 DETAILED ACCOUNT OF CASH EXPENDITURES

USE BALL POINT PEN

FOR ACCTG. USE ONLY

NAME James Rivard 944754 DEC 10 EMP. NO. 22991
 TRIP TO Inspection Various CAR NO. Personal
 PURPOSE OF TRIP Inspection

DS-015	14.00
LG-423	20.16

RETURN COMPLETED FORM TO ACCOUNTING DEPARTMENT. ATTACH ALL RECEIPTS.

DATE	ITEM	FOR ACCTG. USE ONLY	PROJECT NUMBER	SUB-DIV.	AMOUNT
12/02/14	20 MILES @ 0.70 TO / FROM DUMERVILLE / BOS BURLINGTON	1416	DS-015	22	\$14.00
12/09/14	36 MILES @ 0.56 TO / FROM SALFORD / BURLINGTON	1416	DS-423	6-106	20.16

APPROVED [Signature]

TOTAL \$34.16



FAY, SPOFFORD & THORNDIKE
 DETAILED ACCOUNT OF CASH EXPENDITURES

USE BALL POINT PEN

FOR ACCTG. USE ONLY

NAME James Rivard EMP. NO. 22991
 TRIP TO Somerville CAR NO. Persony/
 PURPOSE OF TRIP Inspection ~~945218 JAN-6~~

DS-015 58.94
 NM-001D 5152
 LG-141AR 38.08

RETURN COMPLETED FORM TO ACCOUNTING DEPARTMENT. ATTACH ALL RECEIPTS.

DATE	ITEM	FOR ACCTG. USE ONLY	PROJECT NUMBER	SUB-DIV.	AMOUNT
12/10/14	25 MILES @ 0.56 TO/FROM SOMERVILLE / BURLINGTON	14110	DS-015	ZZ	\$14.00
12/05/14	26 MILES @ 0.56 TO/FROM SOMERVILLE / BURLINGTON	14110	DS-015	ZZ	\$14.56
12/19/14	26 MILES @ 0.56 TO/FROM SOMERVILLE / BURLINGTON	14110	DS-015	ZZ	\$14.56
12/10/14	92 MILES @ 0.56 TO/FROM BURLINGTON / BURLINGTON	14110	NM-001D	EXP-1	\$51.92
12/22/14	28 MILES @ 0.56 TO/FROM SOMERVILLE / BURLINGTON	14110	DS-015	ZZ	\$15.82
12/22/14	68 MILES @ 0.56 TO/FROM HOPKINTON / BURLINGTON	14110	LG-141AR	X-557	\$38.08

APPROVED

TOTAL ~~\$149.74~~
 148.54



FAY, SPOFFORD & THORNDIKE
 DETAILED ACCOUNT OF CASH EXPENDITURES

USE BALL POINT PEN

FOR ACCTG. USE ONLY

NAME Michael Mancuso EMP. NO. 30604
 TRIP TO Various 945002 DEC-23 CAR NO. Personal
 PURPOSE OF TRIP Various

RETURN COMPLETED FORM TO ACCOUNTING DEPARTMENT. ATTACH ALL RECEIPTS.

DATE	ITEM	FOR ACCTG. USE ONLY	PROJECT NUMBER	SUB-DIV.	AMOUNT
11/24/14	22 miles to/from Somerville @ .56	DL-007	DL-007	22	12.32
11/25/14	50 miles to/from Somerville @ .56		DS-015	22	28.00
11/26/14	33 miles to/from Somerville @ .56		DS-015	22	18.48
11/27/14	22 miles to/from Somerville @ .56	DL-007	DL-007	22	12.32
11/27/14	20 miles to/from Lexington @ .56	DL-006	DL-006	22-15	11.20
11/27/14	58 miles to/from Lexington @ .56	DL-006	DL-006	22-15	32.48
11/27/14	10 miles to/from Lexington @ .56	DL-006	DL-006	22-15	5.60
11/27/14	35 miles to/from Lexington @ .56	DL-007	DL-007	22	19.60
11/27/14	10 miles to/from Lexington @ .56	DL-006	DL-006	22-15	5.60
11/27/14	19 miles to/from Lexington @ .56	DL-006	DL-006	22-15	10.64

APPROVED Michael Mancuso 12-23-14

TOTAL \$ 70.80 ✓



FAY, SPOFFORD & THORNDIKE

USE BALL POINT PEN

FOR ACCTG. USE ONLY

DETAILED ACCOUNT OF CASH EXPENDITURES

NAME WILLIAM P. SCARPATI EMP. NO. 30193
 TRIP TO VARIOUS 945011 DEC 23 CAR NO. PERSONAL
 PURPOSE OF TRIP VARIOUS

6421	200.80
DS-015	56.00
DS-012	39.20
DL-006	16.80
DL-007	86.80

RETURN COMPLETED FORM TO ACCOUNTING DEPARTMENT. ATTACH ALL RECEIPTS.

DATE	ITEM	FOR ACCTG. USE ONLY	PROJECT NUMBER	SUB-DIV.	AMOUNT
9-26-14	BURLINGTON, MA TO CONCORD, NH TO STOW, MA. 85 MILES @ .56/MILE	6421	ZB-14121	ZZ	147.00
9-29-14	STOW, MA TO SOMERVILLE, MA TO MASSACHUSETTS TO STOW, MA 30 MILES @ .56/MILE	1416	DS-015	ZZ	\$16.80 ✓
9-29-14	" " 100 MILES @ .56/MILE	6421	ZB-14121	ZZ	56.00
9-8-14	STOW, MA. TO SPENCER, MA. TO BURLINGTON, MA. 70 MILES @ .56/MILE	1416	DS-012	ZZ	\$39.20
9-17-14	STOW, MA. TO BOSTON, MA. TO BURLINGTON, MA. 25 MILES @ .56/MILE	6421	ZB-14121	ZZ	14.00
9-17-14	PARKING PARCEL 7 GARAGE BOSTON, MA.		ZB-14121	ZZ	14.00
9-22-14	STOW, MA TO LEANSBORO, MA TO BURLINGTON, MA. 30 MILES @ .56/MILE	1416	DL-006	ZZ-15	\$16.80
9-25-14	STOW, MA. TO SOMERVILLE, MA TO NV TO BURLINGTON, MA. 40 MILES @ .56/MILE	4	DS-015	ZZ	\$22.40
10-1-14	BURLINGTON, MA TO SPENCERVILLE, MA TO BURLINGTON, MA. 30 MILES @ .56/MILE	7	DS-015	ZZ	\$16.80
10-16-14	BURLINGTON TO BOSTON, MA TO BURLINGTON, MA. 35 MILES @ .56/MILE	6421	ZB-14121	ZZ	19.60
10-16-14	PARKING PARCEL 7 GARAGE BOSTON, MA.		ZB-14121	ZZ	14.00
10-24-14	BURLINGTON TO LEANSBORO, MA TO BURLINGTON, MA. 45 MILES @ .56/MILE	1416	DL-007	ZZ	\$25.20
9-16-14	PERSONAL CELL PHONE USE FOR EST BUSINESS	1420	DL-007	ZZ	\$55.60

APPROVED Richard A. Aydenis

TOTAL \$393.60 ✓



FAY, SPOFFORD & THORNDIKE
 DETAILED ACCOUNT OF CASH EXPENDITURES

USE BALL POINT PEN

FOR ACCTG. USE ONLY

DS-015	39.20
TR-104B	123.14
6401	77.28
6421	114.52
GC-002	8.40
JS-215	30.80
6231	60.00

NAME Wayne A Perry EMP. NO. 30946
 TRIP TO Various 945111 DEC 26 CAR NO. _____
 PURPOSE OF TRIP Mtg, Supply, Field Inspection
 RETURN COMPLETED FORM TO ACCOUNTING DEPARTMENT. ATTACH ALL RECEIPTS.

DATE	ITEM	FOR ACCTG. USE ONLY	PROJECT NUMBER	SUB-DIV.	AMOUNT
12/16/14	Mileage to mtg with Somerville 35 @ 0.56	1416	DS-015	701	19.60
12/12/14	Mileage to Field Inspection Newport 95 @ 0.56				
12/11/14	Mileage to Field Inspection Newport 100 @ 0.56				
12/10/14	Mileage to LSP Agency Westport 135 @ 0.56	6401	YE	ENV-5	75.24
12/9/14	Mileage to MWPCA Mtg Fall River 72 @ 0.56	6421	ZB-19221	6	40.32
12/5/14	Mileage to LF INSPECTION 15 @ 0.56	1416	GC-002	1	8.40
12/5/14	Mileage to LF INSPECTION 70 @ 0.56	6421	ZB-19221	2	39.20
12/14/14	Mileage to mtg in Somerville 35 @ 0.56	1416	DS-015	701	19.60
12/21/14	Mileage to Field w/ Sharan 55 @ 0.56				
12/8/14	MWPCA Mtg Reg. Fee	6421	ZB-19221	6	35.00
12/10/14	Printing fee for maps	1420	TR-104B	A-400	13.44
12/19/14	Monthly Cell phone INV	6231	ZB-QUIN	22	60.00

APPROVED Jim A. Baulch

TOTAL 453.34

BWP 12/23/14



Somerville DPW
 1 Franey Road
 Somerville MA 02145

20154325
 140352-530000

MARCH 20, 2015

Somerville DPW
 2235

DS-015-5

FOR PROFESSIONAL SERVICES RENDERED THROUGH 2/28/15

DS-015 SOMERVILLE, MA 2014 - 2015 ON CALL ENGINEERING SERVICES

DIRECT LABOR

Subdivision 201: 2015 BID PACKAGE

		HOURS	RATE	AMOUNT
Scarpati, William P	Principal Asset Management Specialist	10.50	130.00	1,365.00
Rivard, James A	Sr Engineer	30.00	115.00	3,450.00
Mancuso, Michael J	Engineer	34.00	88.00	2,992.00
Subtotal Subdivision 201				\$7,807.00

Subdivision 300: PAVEMENT MANAGEMENT UPDATE/ANALYSIS

Scarpati, William P	Principal Asset Management Specialist	2.50	130.00	325.00
De Vivo, Maryellen	Assistant Engineer	3.50	85.00	297.50
Josen, Ramandeep S.	Assistant Engineer II	37.00	85.00	3,145.00
Subtotal Subdivision 300				\$3,767.50

Subdivision 400: ADA CONSULTATION/ASSET MANAGEMENT

Scarpati, William P	Principal Asset Management Specialist	12.50	130.00	1,625.00
Cloutier, Alan T	Principal Engineer	3.50	127.00	444.50
Josen, Ramandeep S.	Assistant Engineer II	27.00	85.00	2,295.00
Subtotal Subdivision 400				\$4,364.50

Subdivision 707: 181-197 WASHINGTON ST - Peer Rev.

Perry, Wayne C	Sr Principal Engineer/Planner	2.50	135.00	337.50
Subtotal Subdivision 707				\$337.50

FAY, SPOFFORD & THORNDIKE

Subdivision 715: ASSEMBLY ROW Acceptance - Peer Rev.

Perry, Wayne C	Sr Principal Engineer/Planner	2.00	135.00	270.00
Subtotal Subdivision 715				<u>\$270.00</u>

Subdivision 716: 315 BROADWAY - Peer Rev.

Perry, Wayne C	Sr Principal Engineer/Planner	8.00	135.00	1,080.00
Piccirilli, Joseph	Assistant Engineer II	10.50	88.00	924.00
Subtotal Subdivision 716				<u>\$2,004.00</u>

Subtotal \$18,550.50

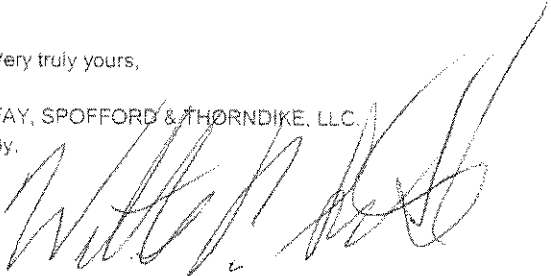
TOTAL AMOUNT DUE THIS INVOICE \$18,550.50

Contract Total:	\$100,000.00
Total Prior Billings:	\$78,782.78
Total This Invoice:	\$18,550.50
Amount Remaining:	<u>\$2,696.72</u>

Very truly yours,

FAY, SPOFFORD & THORNDIKE, LLC.

By:


William P. Scarpati
Project Manager
WPS:ps

C#140134R2

~~00000~~ ENC

INVOICE



Somerville DPW
1 Franey Road
Somerville MA 02145

20154325
6,449.50
20153500
2,248.00

May 11, 2015

Somerville DPW
2235

DS-015-7

20153501
\$1,641.06

FOR PROFESSIONAL SERVICES RENDERED THROUGH 4/25/15

DS-015 SOMERVILLE, MA 2014 - 2015 ON CALL ENGINEERING SERVICES

DIRECT LABOR

Subdivision 100: ADMIN

Perry, Wayne C Sr Principal Engineer/Planner
Scarpati, William P Principal Asset Management Specialist

HOURS	RATE	AMOUNT
1.00	135.00	135.00
2.00	130.00	260.00
Subtotal Subdivision 100		\$395.00

Subdivision 200: CONSTRUCTION MANAGEMENT/RAMP LAYOUT

Scarpati, William P Principal Asset Management Specialist

5.00	130.00	650.00
Subtotal Subdivision 200		\$650.00

Subdivision 201: 2015 BID PACKAGE

Scarpati, William P Principal Asset Management Specialist

6.00	130.00	780.00
Subtotal Subdivision 201		\$780.00

Subdivision 400: ADA CONSULTATION/ASSET MANAGEMENT

Scarpati, William P Principal Asset Management Specialist
Mancuso, Michael J Engineer

1.50	130.00	195.00
6.50	88.00	572.00
Subtotal Subdivision 400		\$767.00

Subdivision 713: 40 PITMAN ST - Peer Rev.

Perry, Wayne C Sr Principal Engineer/Planner
Piccirilli, Joseph Assistant Engineer II

4.50	135.00	607.50
3.00	88.00	264.00
Subtotal Subdivision 713		\$871.50

5 Burlington Woods
Burlington, MA 01803
T: 800.835.8666
T: 781.221.1000
F: 781.229.1115
www.fstinc.com

FAY, SPOFFORD & THORNDIKE
Offices in: Massachusetts, New Hampshire, Maine, Connecticut and New York

FAY, SPOFFORD & THORNDIKE

Subdivision 717: 318 BEACON ST - Peer Rev.

Perry, Wayne C	Sr Principal Engineer/Planner	4.00	135.00	540.00
Piccirilli, Joseph	Assistant Engineer II	4.50	88.00	396.00
Subtotal Subdivision 717				<u>\$936.00</u>

Subdivision 720: HOLDEN GREEN - Peer Rev.

Perry, Wayne C	Sr Principal Engineer/Planner	6.00	135.00	810.00
Piccirilli, Joseph	Assistant Engineer II	5.50	88.00	484.00
Subtotal Subdivision 720				<u>\$1,294.00</u>

Subdivision 721: 20-26 WARWICK ST - Peer Rev.

Perry, Wayne C	Sr Principal Engineer/Planner	20.00	135.00	2,700.00
Piccirilli, Joseph	Assistant Engineer II	14.00	88.00	1,232.06
Subtotal Subdivision 721				<u>\$3,932.06</u>

Subdivision 722: 7 & 11 FAIRVIEW TERR - Peer Rev.

Perry, Wayne C	Sr Principal Engineer/Planner	1.50	135.00	202.50
Piccirilli, Joseph	Assistant Engineer II	2.50	88.00	220.00
Subtotal Subdivision 722				<u>\$422.50</u>

Subdivision 723: 315 HIGHLAND AVE - Peer Rev.

Perry, Wayne C	Sr Principal Engineer/Planner	1.50	135.00	202.50
Piccirilli, Joseph	Assistant Engineer II	1.00	88.00	88.00
Subtotal Subdivision 723				<u>\$290.50</u>

Subtotal \$10,338.56

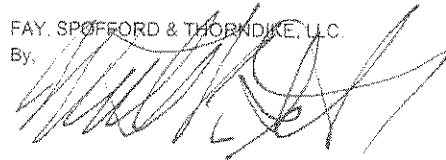
TOTAL AMOUNT DUE THIS INVOICE \$10,338.56

Contract Total:	\$125,000.00
Total Prior Billings:	\$107,282.50
Total This Invoice:	<u>\$10,338.56</u>
Amount Remaining:	\$7,378.94

Very truly yours,

FAY, SPOFFORD & THORNDIKE, LLC.

By,


 William P. Scarpati
 Project Manager
 WPS:ps

RENEWAL CONTRACT
BY AND BETWEEN
THE CITY OF SOMERVILLE ACTING THROUGH
THE PURCHASING DEPARTMENT
AND
WRIGHT-PIERCE

Contract 140158 Renewal Year 2

Contract Amount: \$ 100,000.00

P.O. # 20153586

P.O. Amount: \$ 20,000.00

Contract Period: 10/01/2014 to 09/30/2015
With one (1), One year Option to renew

Contract For: On-Call Engineering Services

Vendor: Wright-Pierce
40 Shattuck Road, Suite 305
Andover, MA 01810
978-416-8000
978-470-3558

Contact: Peter Atherton - peter.atherton@wright-pierce.com

ACCORDING TO THE SPECIFICATIONS CONTAINED HEREIN.

February 10, 2015

W-P Project Number 12819B

Mr. Stanley Koty
Commissioner
Department of Public Works
1 Franey Road
Somerville, MA 02145

20153586
640052-530000

Re: Fats, Oils & Grease (FOG) Evaluation Study

Dear Mr. Koty:

The attached invoice covers work from December 27, 2014 through January 30, 2015 for the above noted project. Our efforts during the invoice period include research into FOG regulations applicable to Somerville, and beginning our work to draft new FOG regulations for the City of Somerville.

Labor and expense details are outlined on the attached invoice. This invoice includes labor charges for W-P personnel only.

The total amount due for work in this period is **\$1,698.00**. Following is a summary of the project costs to date.


Description	Total
Task Order	\$19,780.00
Invoiced to Date	\$1,698.00
Balance Remaining	\$18,082.00

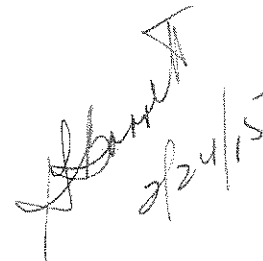
Please feel free to contact me directly at 978-416-8048, should you have any questions or require further details.

Sincerely,

WRIGHT-PIERCE



 Jason D. Jancaitis, PE
Project Manager
enclosure


2/24/15



Water
Wastewater
Infrastructure

City of Somerville
Department of Public Works
1 Franey Road
Somerville, MA 02145

Invoice # : 97803
Project : 12819
Project Name : Somerville, MA - CSO Flow Monitor
Phase : B
Invoice Date : Feb-12-2015

Attention: Mr. Robert T. King, P.E.
City Engineer

For Professional Services Rendered for the Period Dec-27-2014 To Jan-30-2015

RELATED TO: FOG Study

REFERENCE: Contract # 140158 Renewal year 2 P.O. # 20153586

Professional Services

Wright-Pierce Personnel	1,698.00	
Total Professional Services		<u>1,698.00</u>
Current Invoice		<u>1,698.00</u>

Available Fee Analysis

Project Fee :	19,780.00
Prior Billings	<u>0.00</u>
Total Available	19,780.00

Amount Due This Invoice 1,698.00

BILLING RECAP

Previous Billings	0.00
Current Billing Amount	1,698.00
Fee Earned To Date	<u>1,698.00</u>
Amount Received	
Balance Due	

Invoices are due upon receipt. If not paid by Mar-12-2015, interest will be computed at the rate stated in the agreement.

CC: Jason D Jancaitis

Wright-Pierce Personnel

	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
LEAD PROJECT ENGINEER	0.50	156.00	78.00
PROJECT ENGINEER	15.00	108.00	1,620.00
			<u>1,698.00</u>

Total Project: 12819 -- Somerville, MA - CSO Flow Monitorin 1,698.00

March 12, 2015

W-P Project Number 12819B

Mr. Stanley Koty
Commissioner
Department of Public Works
1 Franey Road
Somerville, MA 02145

20153586
640052 - 530000

Re: Fats, Oils & Grease (FOG) Evaluation Study

Dear Mr. Koty:

The attached invoice covers work from January 31, 2015 through February 27, 2015 for the above noted project. Our efforts during the invoice period include research into FOG regulations applicable to Somerville, work on the draft FOG regulations for Somerville, and work on the implementation plan for these new regulations.

Labor and expense details are outlined on the attached invoice. This invoice includes labor charges for W-P personnel only.


The total amount due for work in this period is **\$3,438.00**. Following is a summary of the project costs to date.

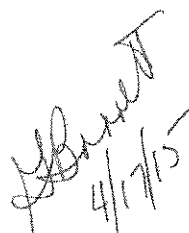
Description	Total
Task Order	\$19,780.00
Invoiced to Date	\$5,136.00
Balance Remaining	\$14,644.00

Please feel free to contact me directly at 978-416-8048, should you have any questions or require further details.

Sincerely,

WRIGHT-PIERCE


Jason D. Jancaitis, PE
Project Manager
enclosure


4/17/15



Water
Wastewater
Infrastructure

City of Somerville
Department of Public Works
1 Franey Road
Somerville, MA 02145

Invoice #: 98271
Project: 12819
Project Name: Somerville, MA - CSO Flow Monitor
Phase: B
Invoice Date: Mar-16-2015

Attention: Mr. Stanley Koty, Commissioner

For Professional Services Rendered for the Period Jan-31-2015 To Feb-27-2015

RELATED TO: FOG Study

REFERENCE: Contract # 140158 Renewal year 2. P.O. # 20153586

Professional Services

Wright-Pierce Personnel	3,438.00	
Total Professional Services		<u>3,438.00</u>
Current Invoice		<u>3,438.00</u>

Available Fee Analysis

Project Fee :	19,780.00
Prior Billings:	<u>1,698.00</u>
Total Available :	18,082.00

Amount Due This Invoice 3,438.00

BILLING RECAP

Previous Billings	1,698.00
Current Billing Amount	3,438.00
Fee Earned To Date	<u>5,136.00</u>
Amount Received	<u>0.00</u>
Balance Due	<u><u>5,136.00</u></u>

Invoices are due upon receipt. If not paid by Apr-16-2015, interest will be computed at the rate stated in the agreement.

CC: Jason D. Jancaitis

Wright-Pierce Personnel

	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
LEAD PROJECT ENGINEER	3.00	156.00	468.00
PROJECT ENGINEER	27.50	108.00	2,970.00
			<u>3,438.00</u>

Total Project: 12819 -- Somerville, MA - CSO Flow Monitorin 3,438.00

2015 APR 13 AM 12:00
CITY OF ANDOVER
DEPARTMENT OF PUBLIC WORKS

Water
Wastewater
Infrastructure

April 9, 2015

W-P Project Number 12819B

Mr. Stanley Koty
Commissioner
Department of Public Works
1 Franey Road
Somerville, MA 02145

20153586
640052 - 530000

Re: Fats, Oils & Grease (FOG) Evaluation Study

Dear Mr. Koty:

The attached invoice covers work from February 28, 2015 through March 27, 2015 for the above noted project. Our efforts during the invoice period include preparation and internal review of the draft FOG regulations. We anticipate that these regulations will be forwarded to the City for review in the coming weeks.

Labor and expense details are outlined on the attached invoice. This invoice includes labor charges for W-P personnel only.

The total amount due for work in this period is **\$2,238.00**. Following is a summary of the project costs to date.

Description	Total
Task Order	\$19,780.00
Invoiced to Date	\$7,374.00
Balance Remaining	\$12,406.00

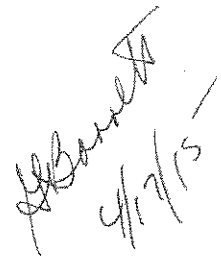
Please feel free to contact me directly at 978-416-8048, should you have any questions or require further details.

Sincerely,

WRIGHT-PIERCE



Jason D. Jancaitis, PE
Project Manager
enclosure





Water
Wastewater
Infrastructure

City of Somerville
Department of Public Works
1 Franey Road
Somerville, MA 02145

Invoice # : 98880
Project : 12819
Project Name : Somerville, MA - CSO Flow Monitor
Phase : B
Invoice Date : Apr-10-2015

Attention: Mr. Stanley Koty, Commissioner

For Professional Services Rendered for the Period Feb-28-2015 To Mar-27-2015

RELATED TO: FOG Study

REFERENCE: Contract # 140158 Renewal year 2. P.O. # 20153586

Professional Services

Wright-Pierce Personnel	2,238.00	
	Total Professional Services	<u>2,238.00</u>
	Current Invoice	<u>2,238.00</u>

Available Fee Analysis

Project Fee :	19,780.00
Prior Billings:	<u>5,136.00</u>
Total Available	14,644.00

Amount Due This Invoice 2,238.00

BILLING RECAP

Previous Billings	5,136.00
Current Billing Amount	2,238.00
Fee Earned To Date	<u>7,374.00</u>
Amount Received	0.00
Balance Due	<u><u>7,374.00</u></u>

Invoices are due upon receipt. If not paid by May-10-2015, interest will be computed at the rate stated in the agreement.

CC: Jason D. Jancaitis

Wright-Pierce Personnel

	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
SR. PROJECT MANAGER	3.00	192.00	576.00
LEAD PROJECT ENGINEER	6.50	156.00	1,014.00
PROJECT ENGINEER	6.00	108.00	648.00
			<hr/>
			2,238.00

Total Project: 12819 -- Somerville, MA - CSO Flow Monitorin

2,238.00

May 7, 2015

W-P Project Number 12819B

Mr. Stanley Koty
Commissioner
Department of Public Works
1 Franey Road
Somerville, MA 02145

Re: Fats, Oils & Grease (FOG) Evaluation Study

Dear Mr. Koty:

The attached invoice covers work from March 28, 2015 through April 24, 2015 for the above noted project. Our efforts during the invoice period include preparation and internal review of the draft FOG regulations, which were submitted to the City for review on April 16th.

Labor and expense details are outlined on the attached invoice. This invoice includes labor charges for W-P personnel only.


The total amount due for work in this period is **\$2,442.00**. Following is a summary of the project costs to date.

Description	Total
Task Order	\$19,780.00
Invoiced to Date	\$9,816.00
Balance Remaining	\$9,964.00

Please feel free to contact me directly at 978-416-8048, should you have any questions or require further details.

Sincerely,

WRIGHT-PIERCE


Jason D. Jancaitis, PE
Project Manager
enclosure

20153586
640652-530000

City of Somerville
Department of Public Works
1 Franey Road
Somerville, MA 02145

Invoice # : 99269
Project : 12819
Project Name : Somerville, MA -CSO Flow Monitor
Phase : B
Invoice Date : May-08-2015

Attention: Mr. Stanley Koty, Commissioner

For Professional Services Rendered for the Period Mar-28-2015 To Apr-24-2015

RELATED TO: FOG Study

REFERENCE: Contract # 140158 Renewal year 2. P.O. # 20153586

Professional Services

Wright-Pierce Personnel	2,442.00	
Total Professional Services		<u>2,442.00</u>
Current Invoice		<u>2,442.00</u>

Available Fee Analysis

Project Fee :	19,780.00
Prior Billings:	<u>7,374.00</u>
Total Available :	12,406.00

Amount Due This Invoice 2,442.00

BILLING RECAP

Previous Billings	7,374.00
Current Billing Amount	2,442.00
Fee Earned To Date	<u>9,816.00</u>
Amount Received	1,698.00
Balance Due	<u><u>8,118.00</u></u>

Invoices are due upon receipt. If not paid by Jun-08-2015, interest will be computed at the rate stated in the agreement.

CC: Jason D. Jancaitis

Wright-Pierce Personnel

	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
SR. PROJECT MANAGER	5.00	192.00	960.00
LEAD PROJECT ENGINEER	9.50	156.00	1,482.00
			<u>2,442.00</u>

Total Project: 12819 -- Somerville, MA -CSO Flow Monitoring 2,442.00

RENEWAL CONTRACT
BY AND BETWEEN
THE CITY OF SOMERVILLE ACTING THROUGH
THE PURCHASING DEPARTMENT
AND
KLEINFELDER NORTHEAST, INC.

Contract 140159 Renewal Year 2

Contract Amount: \$ 250,000.00

P.O. # 20153581

P.O. Amount: \$ 134,800.00

Contract Period: 10/01/2014 to 09/30/2015

With one (1), One year Option to renew

Contract For: On-Call Engineering Services

Vendor: Kleinfelder Northeast, Inc.
215 First Street
Cambridge, MA 02142
617-497-7800
617-498-4630

Contact: Michael Cunningham - mcunningham@kleinfelder.com

ACCORDING TO THE SPECIFICATIONS CONTAINED HEREIN.



2016 FEB -5 AM 1:25

Invoice

EST. 1971
FAX: 617-499-4623

Remit and Make Payment To:
Kleinfelder
P.O. Box 51958
Los Angeles, CA 90051-6258

January 30, 2015
Project No: 20150414.002A
Invoice No: 001046258

Ginger Barrett
Water Department Superintendent
City of Somerville, MA
Department of Public Works
1 Franey Road
Somerville, MA 02145

Financial Manager Tara Hourihan

20153581

Somerville MA: Webster Avenue Water Main Upgrades Engineering Services During Construction, PO#: TBD

Professional Services from November 24, 2014 to December 28, 2014

Task	01-0000	Project Management and Meetings		
Fee				
Total Fee		<i>8,030.00</i>		
Percent Complete	15.00	Total Earned	1,204.50	
		Previous Fee Billing	0.00	
		Current Fee Billing	1,204.50	
		Total Fee		1,204.50
			Total this Task	\$1,204.50

Task	02-0000	Construction Phase Services		
Fee				
Total Fee		<i>35,860.00</i>		
Percent Complete	5.00	Total Earned	1,793.00	
		Previous Fee Billing	0.00	
		Current Fee Billing	1,793.00	
		Total Fee		1,793.00
			Total this Task	\$1,793.00

Task	03-0000	Record Drawings		
Fee				
Total Fee		<i>2,030.00</i>		
Percent Complete	0.00	Total Earned	0.00	
		Previous Fee Billing	0.00	
		Current Fee Billing	0.00	
		Total Fee		0.00
			Total this Task	0.00

Total this Invoice \$2,997.50

Ginger Barrett
2/11/15

Please include the above invoice number on your payment.
To make a payment online, visit us at: <https://www.kleinfelder.com/epayment>

The record drawings will become the property of the City. Kleinfelder shall be held harmless from any claims, losses, and expenses arising from future use of the record drawings by the City.

Proposed Budget

We propose to provide construction services for the Webster Avenue Water Main Upgrades Project for a budgeted fee of \$134,800 as summarized in the following table:

Task	Labor	Expenses
Task 1.0 – Project Management and Meetings	\$7,890	\$140
Task 2.0 – Construction Phase Services	\$35,680	\$180
Task 3.0 – Resident Observation	\$86,400	\$2,480
Task 4.0 – Record Drawings	\$1,980	\$50
Subtotal Tasks 1-4	\$131,950	\$2,850
TOTAL		\$134,800

Handwritten notes:
= 8030.00
= 35,860
= 88,880
= 2030

Please contact me at (617) 498-4694 if you have any questions or comments regarding this proposal. We appreciate the opportunity to be of continued service to you.

If this LOU meets your approval, please sign, date and return one original to our office, attention Michael Cunningham.

Very truly yours,

KLEINFELDER, INC.

By: Jana Hill

Date: 10-29-14



V-27218
 C-140159RZ
Invoice 140352-
 677 497-7000
 FAX: 677 498-4673 530000

Remit and Make Payment To:
 Kleinfelder
 P.O. Box 51958
 Los Angeles, CA 90051-6258

January 30, 2015
 Project No: 20154082.001A
 Invoice No: 001046219

Mr. Rick Willette
 Director of Operations
 City of Somerville, MA
 Department of Public Works
 1 Franey Road
 Somerville, MA 02145

Financial Manager Christopher Sweet

R-15005556

Somerville, MA: Buena Vista Parking Garage Assessment
Professional Services from December 29, 2014 to January 25, 2015

20154646

Task	01-0000	Project Management and Meetings	
Fee			
Total Fee	6,900.00		
Percent Complete	75.00	Total Earned	5,175.00
		Previous Fee Billing	0.00
		Current Fee Billing	5,175.00
		Total Fee	5,175.00
		Total this Task	\$5,175.00

Task	02-0000	Condition Assessment and Report	
Fee			
Total Fee	29,670.00		
Percent Complete	30.00	Total Earned	8,901.00
		Previous Fee Billing	0.00
		Current Fee Billing	8,901.00
		Total Fee	8,901.00
		Total this Task	\$8,901.00
		Total this Invoice	\$14,076.00

Billings to Date

	Current	Prior	Total
Fee	14,076.00	0.00	14,076.00
Totals	14,076.00	0.00	14,076.00

Please include the above invoice number on your payment.
 To make a payment online, visit us at: <https://www.kleinfelder.com/epayment>

20153581
6915074-530000



Invoice

517 459-7300
FAX 617-899-6673

Remit and Make Payment To:
Kleinfelder
P.O. Box 51958
Los Angeles, CA 90051-6258

February 27, 2015
Project No: 20150414.002A
Invoice No: 001050369

Ginger Barrett
Water Department Superintendent
City of Somerville, MA
Department of Public Works
1 Franey Road
Somerville, MA 02145

Financial Manager Tara Hourihan

Somerville MA: Webster Avenue Water Main Upgrades Engineering Services During Construction, PO#: TBD

Professional Services from January 26, 2015 to February 22, 2015

Task 01-0000 Project Management and Meetings

Fee	
Total Fee	8,030.00
Percent Complete	35.00
Total Earned	2,810.50
Previous Fee Billing	1,204.50
Current Fee Billing	1,606.00
Total Fee	1,606.00
Total this Task	\$1,606.00

Task 02-0000 Construction Phase Services

Fee	
Total Fee	35,860.00
Percent Complete	15.00
Total Earned	5,379.00
Previous Fee Billing	1,793.00
Current Fee Billing	3,586.00
Total Fee	3,586.00
Total this Task	\$3,586.00

Task 03-0000 Record Drawings

Fee	
Total Fee	2,030.00
Percent Complete	0.00
Total Earned	0.00
Previous Fee Billing	0.00
Current Fee Billing	0.00
Total Fee	0.00
Total this Task	0.00

Total this Invoice \$5,192.00

[Handwritten Signature]
3/5/15

Please include the above invoice number on your payment.
To make a payment online, visit us at: <https://www.kleinfelder.com/epayment>

Project	20150414.002A	Somerville, MA: Webster Ave ESDC	Invoice	001050369
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Billings to Date

	Current	Prior	Total
Fee	5,192.00	2,997.50	8,189.50
Totals	5,192.00	2,997.50	8,189.50



Invoice

817-497-7000
FAX: 617-490-4623

Remit and Make Payment To:
Kleinfelder
P.O. Box 51958
Los Angeles, CA 90051-6258

2015 3581

April 08, 2015
Project No: 20150414.002A
Invoice No: 001055265

Ginger Barrett
Water Department Superintendent
City of Somerville, MA
Department of Public Works
1 Franey Road
Somerville, MA 02145

Financial Manager Tara Hourihan

Somerville MA: Webster Avenue Water Main Upgrades Engineering Services During Construction, Contract No. 140159, PO#: TBD

Professional Services from February 23, 2015 to March 29, 2015

Task	01-0000	Project Management and Meetings		
Fee				
Total Fee		8,030.00		
Percent Complete		35.00	Total Earned	2,810.50
			Previous Fee Billing	2,810.50
			Current Fee Billing	0.00
			Total Fee	0.00
Total this Task				0.00

Task	02-0000	Construction Phase Services		
Fee				
Total Fee		35,860.00		
Percent Complete		30.00	Total Earned	10,758.00
			Previous Fee Billing	5,379.00
			Current Fee Billing	5,379.00
			Total Fee	5,379.00
Total this Task				\$5,379.00

Task	03-0000	Record Drawings		
Fee				
Total Fee		2,030.00		
Percent Complete		0.00	Total Earned	0.00
			Previous Fee Billing	0.00
			Current Fee Billing	0.00
			Total Fee	0.00
Total this Task				0.00
Total this Invoice				\$5,379.00

*Y. Barrett
4/14/15*



October 29, 2014

Ms. Ginger Barrett
Superintendent of Water and Sewer
Somerville Department of Public Works
1 Franey Road
Somerville, MA 02145

RE: Webster Avenue Water Main Upgrades
Engineering Services during Construction
Kleinfelder Project No.: 20150414.001A

Dear Ms. Barrett:

We are pleased to submit this original and one (1) copy of our Letter of Understanding (LOU) in connection with our On-Call Engineering Services Contract between the City and Kleinfelder (Contract No. 140159). This LOU, when executed, will serve as a contract between Kleinfelder, Inc., a corporation duly organized and existing under the laws of the Commonwealth of Massachusetts (hereinafter called Kleinfelder) and the City of Somerville (City) for Kleinfelder to complete the work outlined in the Scope of Services presented herein.

This proposal is for Kleinfelder to provide engineering services during construction of the Webster Avenue water main upgrades. It is based on our expectation that the project will be completed (with the exception of final paving) by August 15, 2015. For this proposal, we have assumed that the construction duration will be 16 weeks, or 80 working days.

Scope of Services

TASK 1.0 – Project Management and Meetings

Sub-Task 1.1 – Project Management and Administration

Develop a project workplan with a schedule, staffing plan, and quality assurance/quality control plan. Provide quality reviews in accordance with the workplan and company policies. Reviews will include, but not be limited to: submittal responses, request for information (RFI) responses, construction change directives, change orders, field orders, correspondence, and other deliverables. Prepare monthly invoices, develop budget and schedule updates, and provide project coordination.

Sub-Task 1.2 – Progress Meetings

Arrange and direct up to five (5) formal progress meetings, including one pre-construction meeting and four monthly meetings, with the City, Contractor, and applicable agencies during the construction phase. Kleinfelder will prepare an agenda and meeting summaries for each of the meetings.

TASK 2.0 – Construction Phase Services

Sub-Task 2.1 – Site Visits

Make a weekly visit to the project site at intervals appropriate for the various stages of construction to observe as an experienced and qualified design professional the progress and quality of the executed work of Contractor and to determine in general if such work is proceeding in accordance with the Contract Documents. (Kleinfelder shall not be required to make exhaustive or continuous on-site inspection to check the quality or quantity of such work). We have assumed one site visit per week by the Project Engineer during construction, for a total of 16.

Kleinfelder shall not be responsible for the means, methods, techniques, sequences or procedures of construction selected by Contractor or the safety precautions and programs incident to the work of Contractor. Kleinfelder's efforts will be directed toward providing a greater degree of confidence for the City that the completed work of the Contractor will conform to the Contract Documents, but Kleinfelder shall not be responsible for the failure of the Contractor to perform the work in accordance with the Contract Documents. During such visits, and on the basis of on-site observations, Kleinfelder shall endeavor to keep the City informed of the progress of the work, shall endeavor to guard the City against defects and deficiencies in such work and may recommend the City disapprove or reject work failing to conform to the Contract Documents.

Sub-Task 2.2 – Submittal Reviews

Receive submittals from the Contractor, log-in the submittals, distribute the submittals to the appropriate reviewer, log-out the submittals, and distribute submittal responses to the Contractor.

Review and take appropriate action with respect to Shop Drawings and samples, results of tests and inspections, and other data which the Contractor is required to submit, but only for conformance with the design concept of the Project and compliance with the information given in the Contract Documents (but such review or other action shall not extend to means, methods, sequences, techniques or procedures of construction or to safety precautions and programs incident thereto). Determine the acceptability of substitute materials and equipment proposed by the Contractor. Receive and review (for general content as required by the Specifications) maintenance and operating instructions, schedules, guarantees, bonds and certificates of inspection which are to be assembled by the Contractor in accordance with the Contract Documents.

Sub-Task 2.3 – Requests for Information, Construction Change Directives, and Change Orders

Receive requests for information (RFIs) from the Contractor, log-in the RFIs, distribute the RFIs to the appropriate reviewer, log-out the RFIs, and distribute responses to the Contractor.

Prepare construction change directives (CCDs) to revise the requirements of the design as may be necessary during construction.

Issue instructions of the City to the Contractor; issue necessary interpretations and clarifications of the Contract Documents; have authority, as City's Consultant, to require special inspection or testing of the work; act as initial interpreter of the requirements of the Contract Documents and judge of the acceptability of the work thereunder and make decisions on all claims of the City and the Contractor relating to the acceptability of the work or in the interpretation of the requirements of the Contract Documents pertaining to the execution and progress of the work; but Kleinfelder shall not be liable for the result of any such interpretations or decisions rendered in good faith.

Sub-Task 2.4 – Payment Applications

Based on Kleinfelder's on-site observations as an experienced and qualified design professional on review of applications for payment and the accompanying data and schedules, determine the amounts owing to the Contractor and recommend in writing to the City payments to the Contractor in such amounts.

Such recommendations for payment will constitute a representation to the City, based on such observations and review, that the work has progressed to the point indicated, that, to the best of Kleinfelder's knowledge, information and belief, the quality of such work is in accordance with the Contract Documents (subject to an evaluation of such work as a functioning Project upon Substantial Completion, to the results of any subsequent tests called for in the Contract Documents, and to any qualifications stated in his recommendation), and that payment of the amount recommended is due the Contractor; but by recommending any payment Kleinfelder will not thereby be deemed to have represented that continuous or exhaustive examinations have been made by Kleinfelder to check the quality or quantity of the work or to review the means, methods, sequences, techniques or procedures of construction or safety precautions or programs incident thereto or that Kleinfelder has made an examination to ascertain how or for what purposes the Contractor has used the moneys paid on account of the Contract Price, or that title to any of the work, materials or equipment has passed to the City free and clear of any lien, claims, security interest or encumbrances, or that the Contractors has completed their work exactly in accordance with the Contract Documents.

Sub-Task 2.5 – Licensed Site Professional Support

Kleinfelder shall provide Licensed Site Professional (LSP) services. The LSP will review Soil and Waste Management submittals and RFIs, and will perform up to 2 site visit as necessary to observe the Contractor's soil and waste management procedures and soil stockpiles. The LSP will receive Bills of Lading and Material Shipping Records, letters of intent, soil disposal quantities and weight slips, and other documentation required for the disposal of soil as per the Contract Specifications. The LSP will coordinate with the Contractor's environmental professional and will coordinate signatures from the City.

Limitations of Licensed Site Professional

This scope does not include the preparation of a Utility-Related Abatement Measure (URAM).

Sub-Task 2.6 – City Department Coordination

Provide coordination and support between the Contractor and the City's Department of Traffic and Parking. This task will be provided by Kleinfelder on an as-needed basis. This item consists of: coordinating traffic management plan (TMP) and parking restriction submission requirements for the Project; supporting the Contractor in preparing TMPs; and assisting the Contractor with responding to comments and requests from the City's Department of Traffic and Parking. We have assumed up to 30 hours of support by Kleinfelder's Project Engineer for this task.

Provide coordination and support between the Contractor and the City's Office of Communications. This task will be provided on an as-needed basis. This item consists of: coordinating community alert, announcement, and notice requirements for the Project; supporting the Contractor in preparing communications; and assisting the Contractor with responding to comments and requests from the City's Office of Communications. We have assumed up to 30 hours of support by Kleinfelder's Community Relations Manager for this task.

Sub-Task 2.7 – Project Closeout

Conduct a review to determine if the Project is substantially complete and to determine if, to the best of Kleinfelder's knowledge, the work has been completed in substantial conformance with the Contract Documents and the intent of the design and if Contractor has fulfilled all of his obligations thereunder so that Kleinfelder may recommend, in writing, final payment to the Contractor and may give written notice to the City and the Contractor that the work is acceptable (subject to any conditions therein expressed), but any such recommendations and notice shall be subject to the limitations expressed in Sub-Task 2.4 above.

Limitations of Authority

Kleinfelder shall not be responsible for the acts or omissions of any Contractor, or subcontractor, or any of the Contractor's or subcontractor's agents or employees or any other persons (except Kleinfelder's own employees and agents) at the site or otherwise performing any of the Contractor(s)' work; however, nothing contained in Sub-Tasks 2.1 – 2.7, inclusive, shall be construed to release Kleinfelder from liability for failure to properly perform duties undertaken by him in the Contract Documents.

TASK 3.0 – Resident Observation

Provide a Resident Project Representative for a maximum of Seven Hundred Twenty (720) hours. This equates to 45 hours per week for our anticipated construction duration of 16 weeks. The Resident Project Representative will be available for construction and project closeout, and whose duties, responsibilities and limitations of authority are outlined below.

General

Resident Project Representative is Kleinfelder's Agent and shall act under the supervision of Kleinfelder's Project Manager. He shall confer with Kleinfelder's Project Manager regarding his actions. His dealings in matters pertaining to on-site work will be in general with Kleinfelder's Project Manager and the Contractor, keeping the City advised as indicated below and as necessary. His dealings with subcontractors will only be through or with the full knowledge of Contractor or his on-site representative. He shall generally communicate with City with the knowledge of Kleinfelder's Project Manager.

Duties and Responsibilities

Resident Project Representative will:

1. Schedules: Review the progress schedule, schedule of shop drawings submissions and schedule of values prepared by Contractor and consult with Kleinfelder's Project Manager concerning their acceptability.
2. Conferences: Attend pre-construction conference. Attend progress meetings and other job conferences as required in consultation with Kleinfelder's Project Manager.
3. Liaison:
 - a. Serve as Kleinfelder's liaison with Contractor, working principally through Contractor's designated on-site representative and assist him in understanding the intent of the Contract Documents. Assist Kleinfelder's Project Manager in serving as City's liaison with Contractor when Contractor's operations affect the City's on-site operations.
 - b. Assist in obtaining from the City additional details of information when required at the job site for proper execution of the work.
4. Shop Drawings and Samples:
 - a. Receive samples that are furnished at the site by Contractor and notify Kleinfelder's Project Manager of their availability for examination.
 - b. Advise Kleinfelder's Project Manager and the Contractor or his on-site representative immediately of the commencement of any work requiring a shop drawing or sample submission if the submission has not been reviewed by Kleinfelder.

5. Review of Work, Rejection of Defective Work, Inspections and Tests:
 - a. Conduct daily on-site construction review of the work in progress, or as otherwise necessary, to determine to the best of his knowledge (1) if work is proceeding in general accordance with the Contract Documents and (2) that completed work is in substantial conformance with the Contract Documents.
 - b. Report to Kleinfelder's Project Manager who, in turn, will notify the City whenever any work is to the best of his knowledge and belief unsatisfactory, faulty or defective, or is not in substantial conformance with the Contract Documents, or has been damaged, or does not meet the requirements of any inspections, tests, or approvals required to be made; and advise Kleinfelder's Project Manager when he believes work should be corrected or rejected or should be uncovered for observation, or requires special testing or inspection or approval. Record and advise the Contractor of work failing to meet the Contract requirements.
 - c. Verify that tests, systems start-up and operating and maintenance instructions are conducted as required by the Contract Documents and in the presence of the required personnel, and that the Contractor maintains adequate records thereof; observe, record and report to Kleinfelder's Project Manager appropriate details relative to the test procedures and start-ups.
 - d. Accompany visitors representing public or other agencies having jurisdiction over the project, record the outcome of these inspections, and report to Kleinfelder's Project Manager.
 - e. Endeavor to protect the City against defects and deficiencies in the work and to verify compliance with the Contract Documents. Nothing in Task 3.0 relieves the Contractor of its independent obligations under its contract with the City in performing his services.
6. Interpretation of Contract Documents: Transmit to Contractor clarification and interpretation of the Contract Documents as issued by Kleinfelder's Project Manager.
7. Modifications: Consider and evaluate Contractor's suggestions for modifications in Drawings and Specifications and report them with recommendations to Kleinfelder.

8. Records:
 - a. Maintain at the job site orderly files for correspondence, reports of job conferences and sample submissions, reproductions of original Contract Documents including all addenda, change orders, field orders, additional drawings issued subsequent to the execution of the Contract, Kleinfelder's clarifications and interpretations of the Contract, Kleinfelder's clarifications and interpretations of the Contract Documents, progress reports and other project-related documents.
 - b. Keep a diary or log book recording hours on the job site, weather conditions, data relative to questions of extras or deductions, list of principal visitors and representatives of fabricators, manufacturers, suppliers and distributors, daily activities, decisions, observations in general and specific observations in more detail as in the case of observing test procedures. Send copies to Kleinfelder's Project Manager.
 - c. Record names, addresses, and telephone numbers of all Contractors, subcontractors and major suppliers of equipment and materials.
9. Reports:
 - a. Furnish periodic reports as required of progress of the work and of the Contractor's compliance with the progress schedule and schedule of shop drawing submissions.
 - b. Prepare preliminary change orders and extra work orders, obtaining all back-up material. Recommend to Kleinfelder's Project Manager Change Orders, Extra Work Orders and Field Changes.
10. Payment Requisitions: Review applications for payment with Contractor for compliance with the established procedure for their submission and forward them with recommendations to Kleinfelder's Project Manager, noting particularly their relation to the schedule of values, work completed and materials and equipment delivered at the site, but not incorporated in the work.
11. Certificates, Maintenance and Operations Manuals: During the course of the work, verify that certificates, maintenance and operation manuals as appropriate and other data required to be assembled and furnished by Contract are applicable to the items actually installed and deliver this material to Kleinfelder's Project Manager for his review and forwarding to the City prior to final acceptance of the work.

12. Completion:

- a. Before Kleinfelder issues a Certificate of Substantial Completion, assist Kleinfelder's Project Manager in developing a list of observed items requiring correction or completion.
- b. Conduct final review in the company of Kleinfelder's Project Manager, City and Contractor and assist in preparation of a final list of items to be corrected.
- c. Verify to the best of his knowledge that all items on final list have been completed or corrected and make recommendations to Kleinfelder's Project Manager concerning acceptance.

Limitations of Authority - Resident Project Representative:

- A. Will not authorize any deviation from the Contract Documents or approve any substitute materials or equipment unless authorized by Kleinfelder's Project Manager.
- B. Will not undertake any of the responsibilities of Contractor, subcontractors or Contractor's superintendent.
- C. Will not expedite work for the Contractor.
- D. Will not advise on or issue directions relative to any aspect of the means, methods, techniques, sequences or procedures of construction unless such is specifically called for in the Contract Documents.
- E. Will not advise or issue directions as to safety precautions and programs in connection with the work.
- F. Will not authorize City to occupy the project in whole or in part.
- G. Will not participate in specialized field or laboratory tests or inspections conducted by others except as specifically authorized by Kleinfelder.
- H. Will not exceed limitations on Kleinfelder's authority as set forth in the Contract Documents.

TASK 4.0 – Record Drawings

Kleinfelder shall prepare and furnish to the City one (1) set of record drawings containing those changes made during the construction process which are reflected on the marked-up prints and drawings furnished by the Contractor to Kleinfelder. The deliverable will consist of an AutoCAD, digital PDF, and hard copy deliverable of the final project record drawings.

The record drawings will become the property of the City. Kleinfelder shall be held harmless from any claims, losses, and expenses arising from future use of the record drawings by the City.

Proposed Budget

We propose to provide construction services for the Webster Avenue Water Main Upgrades Project for a budgeted fee of \$134,800 as summarized in the following table:

Task	Labor	Expenses
Task 1.0 – Project Management and Meetings	\$7,890	\$140
Task 2.0 – Construction Phase Services	\$35,680	\$180
Task 3.0 – Resident Observation	\$86,400	\$2,480
Task 4.0 – Record Drawings	\$1,980	\$50
Subtotal Tasks 1-4	\$131,950	\$2,850
TOTAL \$134,800		

Please contact me at (617) 498-4694 if you have any questions or comments regarding this proposal. We appreciate the opportunity to be of continued service to you.

If this LOU meets your approval, please sign, date and return one original to our office, attention Michael Cunningham.

Very truly yours,

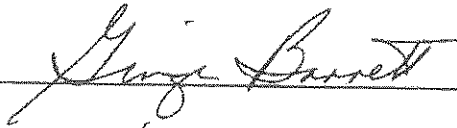
KLEINFELDER, INC.

By: Sara Hin

Date: 10-29-14

Ms. Ginger Barrett
City of Somerville
Page 10

CITY OF SOMERVILLE

By: 

Date 11/3/14

cc: Michael Cunningham, Kleinfelder
File

G:\clients\Somerville\MA\20150414 - Webster Ave WM Bid and Construction\Project Management\contract\Somerville - Webster Ave ESDC Proposal_102814.docx



Invoice

617-497-7800
FAX: 617-496-4623

Remit and Make Payment To:
Kleinfelder
P.O. Box 51958
Los Angeles, CA 90051-6258

April 08, 2015
Project No: 20155302.001A
Invoice No: 001055268

Ginger Barrett
Water Department Superintendent
City of Somerville, MA
Department of Public Works
1 Franey Road
Somerville, MA 02145

Financial Manager Michael Cunningham

Somerville MA: Broadway Hydraulic Modeling
Professional Services from February 23, 2015 to April 05, 2015
Professional Personnel

	Hours	Rate	Amount	
Project Manager				
Cunningham, Michael	9.00	175.00	1,575.00	
Project Engineer				
Sanders, Michael	11.00	130.00	1,430.00	
Totals	20.00		3,005.00	
Total Labor				3,005.00
				Total this invoice \$3,005.00

Billings to Date

	Current	Prior	Total
Labor	3,005.00	0.00	3,005.00
Totals	3,005.00	0.00	3,005.00

R - 15006660

20155513

600052 - 530000

Please include the above invoice number on your payment.
To make a payment online, visit us at: <https://www.kleinfelder.com/epayment>

Billing Backup

Kleinfelder

Invoice 001055268 Dated 4/8/2015

Thursday, April 23, 2015

12:38:28 PM

Professional Personnel

		Hours	Rate	Amount	
Project Manager					
100 - Cunningham, Michael	3/19/2015	1.50	175.00	262.50	
100 - Cunningham, Michael	3/20/2015	2.50	175.00	437.50	
100 - Cunningham, Michael	3/24/2015	3.50	175.00	612.50	
100 - Cunningham, Michael	3/26/2015	1.00	175.00	175.00	
100 - Cunningham, Michael	4/3/2015	.50	175.00	87.50	
Project Engineer					
185 - Sanders, Michael	3/19/2015	3.00	130.00	390.00	
185 - Sanders, Michael	3/20/2015	5.00	130.00	650.00	
185 - Sanders, Michael	3/24/2015	3.00	130.00	390.00	
	Totals	20.00		3,005.00	
	Total Labor				3,005.00
			Total this Project		\$3,005.00
			Total this Report		\$3,005.00

12-15007146

V-27218

140352-530000

20155937

C-1405922



Invoice

617-492-7900
FAX: 617-492-4693

Remit and Make Payment To:
Kleinfelder
P.O. Box 51958
Los Angeles, CA 90051-6258

April 07, 2015
Project No: 20154082.001A
Invoice No: 001055213

Mr. Rick Willette
Director of Operations
City of Somerville, MA
Department of Public Works
1 Franey Road
Somerville, MA 02145

Financial Manager Christopher Sweet

Somerville, MA: Buena Vista Parking Garage Assessment
Professional Services from February 23, 2015 to March 29, 2015

Task	01-0000	Project Management and Meetings		
Fee				
Total Fee		6,900.00		
Percent Complete	100.00	Total Earned	6,900.00	
		Previous Fee Billing	5,865.00	
		Current Fee Billing	1,035.00	
		Total Fee		1,035.00
			Total this Task	\$1,035.00

Task	02-0000	Condition Assessment and Report		
Fee				
Total Fee		29,670.00		
Percent Complete	100.00	Total Earned	29,670.00	
		Previous Fee Billing	25,219.50	
		Current Fee Billing	4,450.50	
		Total Fee		4,450.50
			Total this Task	\$4,450.50
			Total this Invoice	\$5,485.50

Billings to Date

	Current	Prior	Total
Fee	5,485.50	31,084.50	36,570.00
Totals	5,485.50	31,084.50	36,570.00

Please include the above invoice number on your payment.
To make a payment online, visit us at: <https://www.kleinfelder.com/epayment>



December 16, 2014

Mr. Rick Willette
Director of Operations
Somerville Department of Public Works
1 Franey Road
Somerville, MA 02145

RE: Buena Vista Parking Garage
Proposal for Condition Assessment
Kleinfelder Project No.: MG150978.001P

Dear Mr. Willette:

We are pleased to submit this Letter of Understanding (LOU) in connection with our On-Call Engineering Services Contract between the City and Kleinfelder (Contract No. 140159, Renewal Year #2). This LOU, when executed, will serve as a contract between Kleinfelder Northeast, Inc., a corporation duly organized and existing under the laws of the Commonwealth of Massachusetts (hereinafter called Kleinfelder) and the City of Somerville (City) for Kleinfelder to complete the work outlined in the Scope of Services presented herein.

Background

This proposal is for Kleinfelder to assess the condition of the City's parking garage at Holland Street and Buena Vista Road and provide recommendations for repairs with estimated construction costs. We understand that the exterior portion of the two-level garage outside the limits of the adjacent Harvard Vanguard office building is owned and maintained by the City. For the purposes of this proposal, Kleinfelder's limit of work will be the City-owned portion of the parking garage, as indicated in the attached Appendix A.

Qualifications

Kleinfelder's local professionals include a facilities group comprised of architects and engineers working on the rehabilitation of parking garages throughout Massachusetts for clients such as the MBTA and the Merrimack Valley Regional Transit Authority (MVRTA). Kleinfelder is currently managing the rehabilitation and construction of several parking garages for the MBTA, such as the Alewife Parking Garage, Quincy Adams Garage, and the Braintree Station Garage. Kleinfelder's services include field inspection, supervision of material testing, preparation of condition assessment and scoping reports including the evaluation of rehabilitation options, repair recommendations, evaluation of ADA compliance, assessment of construction staging, and cost estimating.

Christopher Sweet, PE will serve as Lead Structural Engineer for this project. Mr. Sweet served in this role for the inspection of the Braintree Parking Garage located along the MBTA Red Line subway system. Phase I of the MBTA project included field inspection and evaluation of the existing garage's structural systems, egress requirements, electrical and plumbing systems, and

preparation of a Schematic Design Scoping Report. Various scoping recommendations to address deficiencies were developed along with comparative life-cycle cost estimates to compare suitability of options. The design report required coordination between electrical, plumbing, parking, and cost estimating sub consultants. Mr. Sweet also served as Lead Engineer for the water infiltration study at the MVRTA McGovern Transportation Center in Lawrence, MA. The focus was to identify the source of ongoing water infiltration within the existing retail space of the garage, develop repair drawings, and provide on-site construction administration.

For this project, we have included two sub-consultants on our team who have on-going working relationships with Kleinfelder and are highly experienced in performing parking garage condition assessments:

- RDK Engineers – Mechanical/Electrical/Plumbing consulting services
- Tarbell Construction Management, Inc. – Cost Estimating

RDK will provide an assessment of fire protection, lighting, electrical and drainage systems with recommendations for improvements. Tarbell will provide cost estimating for the recommended improvements. It is Kleinfelder's standard approach to utilize a cost estimator for its vertical/building projects.

Upon authorization to proceed, Kleinfelder will initiate the work described below. The Letter Report will be prepared and submitted to the City within eight (8) weeks from execution of this agreement, barring weather-related or other delays beyond Kleinfelder's control.

Scope of Services

TASK 1.0 – Project Management and Meetings

Sub-Task 1.1 – Project Management and Administration

Develop a project workplan with a schedule, staffing plan, and quality assurance/quality control plan. Provide quality reviews in accordance with the workplan and company policies. Prepare monthly invoices, develop budget and schedule updates, and provide project coordination.

Sub-Task 1.2 – Progress Meetings

Arrange and direct up to two (2) progress meetings with the City and applicable agencies during the project. The meetings will coincide with issuance of the draft and final reports. Kleinfelder will prepare an agenda and meeting summaries for each of the meetings.

TASK 2.0 – Condition Assessment and Report Preparation

Sub-Task 2.1 – Field Visit

Conduct field visits to visually observe the existing condition of the garage, including condition of the concrete girders and precast double-tee beams; concrete decking and curbs; parapet walls; masonry exterior walls; joint treatments; columns; accessible routes; drainage system and trench drains; fire protection systems; and the electrical and lighting systems.

Sub-Task 2.2 – Prepare a Letter Report with Estimate of Repair Costs

Prepare a draft letter report which will include a summary of observations with photographs, prioritized recommendations to correct observed deficiencies, and estimated repair costs. Incorporate City comments on the draft report and issue a final letter report. The draft and final report deliverables will consist of one (1) digital copy in PDF format and two (2) hard copies.

The following are not included in the scope of services:

- A load rating analysis of the structure will not be performed as part of the condition assessment. We will note any areas that visually exhibit signs of deterioration that may warrant further structural review.
- All portions of the parking structure below the Harvard Vanguard office building are excluded.
- The scope of work is limited to the structural framing, electrical components including lighting, fire protection, and drainage components of the garage. Mechanical ventilation systems, signage, architectural finishes, egress, and other non-structural systems are not included in the assessment.
- Testing or sampling of hazardous materials (asbestos, lead paint, PCB's, etc.) and concrete are not included.

Proposed Budget

We propose to conduct the Buena Vista Parking Garage Condition Assessment and Report for a fee of \$36,570 as summarized in the following table:

Task	Kleinfelder Labor	Kleinfelder Expenses	Subconsultants
Task 1.0 – Project Management and Meetings	\$6,770	\$130	–
Task 2.0 – Condition Assessment and Report Preparation	\$16,840	\$80	\$12,750
Subtotal Tasks 1 and 2	\$23,610	\$210	\$12,750
TOTAL BUDGETED FEE = \$36,570			

Please contact me at (617) 498-4773 if you have any questions or comments regarding this proposal. We appreciate the opportunity to be of continued service to you.

If this LOU meets your approval, please sign, date and return one original to our office, attention Michael Cunningham.

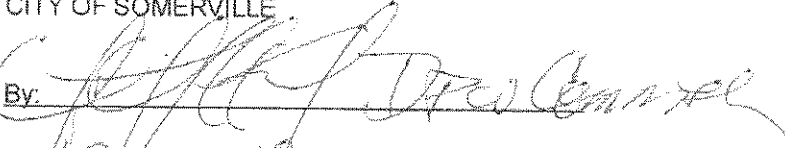

Very truly yours,

KLEINFELDER, INC.


By: _____
Michael R. Cunningham, PE, Project Manager

Date

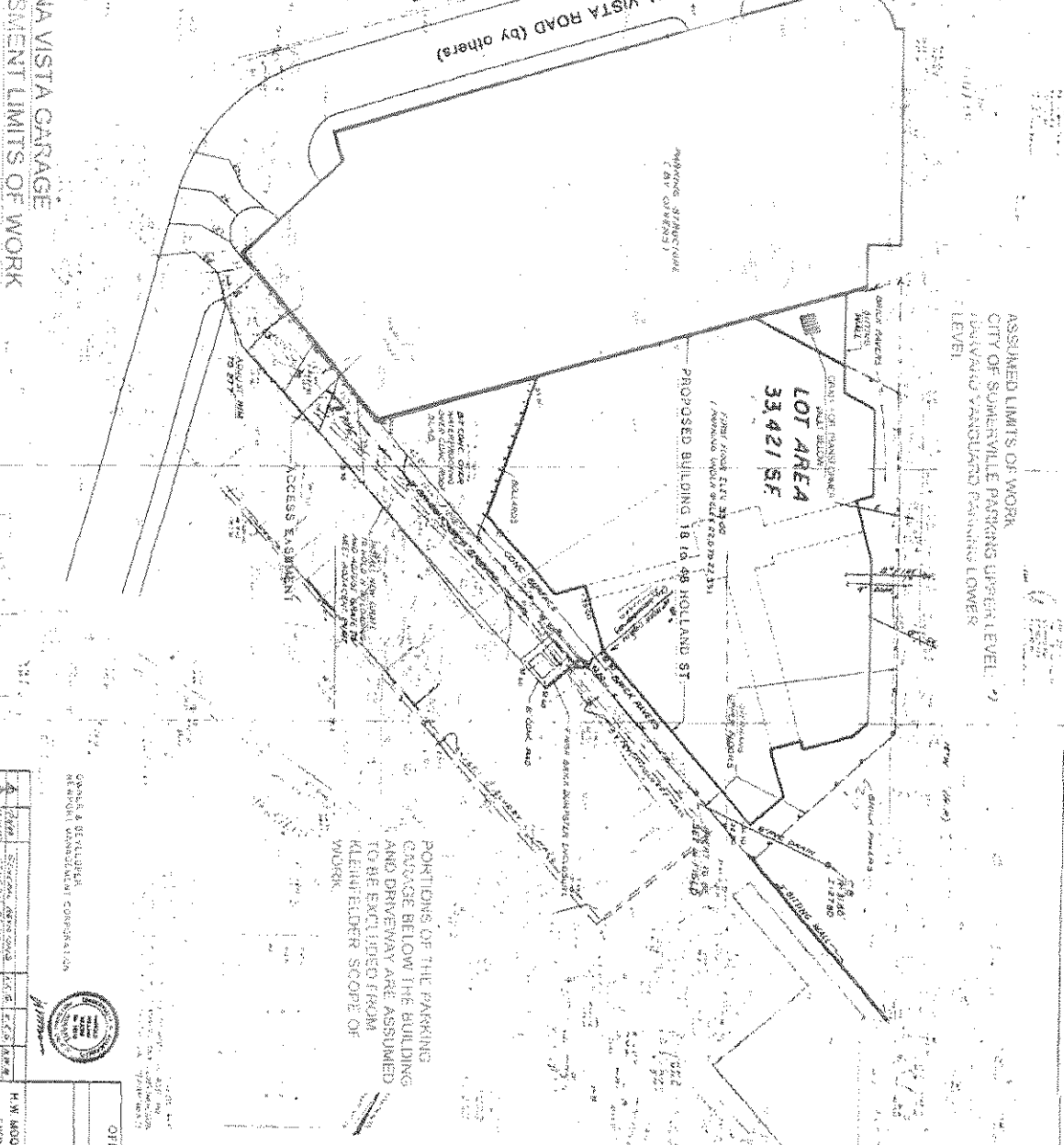
CITY OF SOMERVILLE


By: _____

Date

cc: Christopher Sweet, Kleinfelder
File

**APPENDIX A - BUENA VISTA GARAGE
CONDITION ASSESSMENT LIMITS OF WORK**

THIS PLAN IS FOR INFORMATION ONLY AND DOES NOT CONSTITUTE A CONTRACT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL CONDITIONS AND DIMENSIONS SHOWN ON THIS PLAN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF SOMERVILLE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF SOMERVILLE.



24 1/2 Hollard St
OFFICE AND RETAIL CENTER
400 TO 408 HOLLARD ST.
SOMERVILLE, MA

SITE PLAN

DATE	DESCRIPTION	BY	CHKD
10/15/18	ISSUED FOR PERMITTING	J.M.	J.M.
10/15/18	ISSUED FOR PERMITTING	J.M.	J.M.
10/15/18	ISSUED FOR PERMITTING	J.M.	J.M.

H.W. MOORE ASSOCIATES, INC.
ENGINEERS & ARCHITECTS
SOMERVILLE, MASS.

OWNER & DEVELOPER
RENOVATION MANAGEMENT CORPORATION

GENERAL CONTRACTOR
[Name]

DATE
10/15/18

SCALE
AS SHOWN

PROJECT
BUENA VISTA GARAGE



Invoice

617-487-7633
FAX: 617-488-4623

Remit and Make Payment To:
Kleinfelder
P.O. Box 51958
Los Angeles, CA 90051-6258

February 26, 2015
Project No: 20154082.001A
Invoice No: 001050276

Mr. Rick Willette
Director of Operations
City of Somerville, MA
Department of Public Works
1 Franey Road
Somerville, MA 02145

Financial Manager Christopher Sweet

Somerville, MA: Buena Vista Parking Garage Assessment
Professional Services from January 26, 2015 to February 22, 2015

Task	01-0000	Project Management and Meetings	
Fee			
Total Fee	6,900.00		
Percent Complete	85.00	Total Earned	5,865.00
		Previous Fee Billing	5,175.00
		Current Fee Billing	690.00
		Total Fee	690.00
		Total this Task	\$690.00

Task	02-0000	Condition Assessment and Report	
Fee			
Total Fee	29,670.00		
Percent Complete	85.00	Total Earned	25,219.50
		Previous Fee Billing	8,901.00
		Current Fee Billing	16,318.50
		Total Fee	16,318.50
		Total this Task	\$16,318.50
		Total this Invoice	\$17,008.50

Billings to Date

	Current	Prior	Total
Fee	17,008.50	14,076.00	31,084.50
Totals	17,008.50	14,076.00	31,084.50

Please include the above invoice number on your payment.
To make a payment online, visit us at: <https://www.kleinfelder.com/epayment>



December 16, 2014

Mr. Rick Willette
Director of Operations
Somerville Department of Public Works
1 Franey Road
Somerville, MA 02145

RE: Buena Vista Parking Garage
Proposal for Condition Assessment
Kleinfelder Project No.: MG150978.001P

Dear Mr. Willette:

We are pleased to submit this Letter of Understanding (LOU) in connection with our On-Call Engineering Services Contract between the City and Kleinfelder (Contract No. 140159, Renewal Year #2). This LOU, when executed, will serve as a contract between Kleinfelder Northeast, Inc., a corporation duly organized and existing under the laws of the Commonwealth of Massachusetts (hereinafter called Kleinfelder) and the City of Somerville (City) for Kleinfelder to complete the work outlined in the Scope of Services presented herein.

Background

This proposal is for Kleinfelder to assess the condition of the City's parking garage at Holland Street and Buena Vista Road and provide recommendations for repairs with estimated construction costs. We understand that the exterior portion of the two-level garage outside the limits of the adjacent Harvard Vanguard office building is owned and maintained by the City. For the purposes of this proposal, Kleinfelder's limit of work will be the City-owned portion of the parking garage, as indicated in the attached Appendix A.

Qualifications

Kleinfelder's local professionals include a facilities group comprised of architects and engineers working on the rehabilitation of parking garages throughout Massachusetts for clients such as the MBTA and the Merrimack Valley Regional Transit Authority (MVRTA). Kleinfelder is currently managing the rehabilitation and construction of several parking garages for the MBTA, such as the Alewife Parking Garage, Quincy Adams Garage, and the Braintree Station Garage. Kleinfelder's services include field inspection, supervision of material testing, preparation of condition assessment and scoping reports including the evaluation of rehabilitation options, repair recommendations, evaluation of ADA compliance, assessment of construction staging, and cost estimating.

Christopher Sweet, PE will serve as Lead Structural Engineer for this project. Mr. Sweet served in this role for the inspection of the Braintree Parking Garage located along the MBTA Red Line subway system. Phase I of the MBTA project included field inspection and evaluation of the existing garage's structural systems, egress requirements, electrical and plumbing systems, and

preparation of a Schematic Design Scoping Report. Various scoping recommendations to address deficiencies were developed along with comparative life-cycle cost estimates to compare suitability of options. The design report required coordination between electrical, plumbing, parking, and cost estimating sub consultants. Mr. Sweet also served as Lead Engineer for the water infiltration study at the MVRTA McGovern Transportation Center in Lawrence, MA. The focus was to identify the source of ongoing water infiltration within the existing retail space of the garage, develop repair drawings, and provide on-site construction administration.

For this project, we have included two sub-consultants on our team who have on-going working relationships with Kleinfelder and are highly experienced in performing parking garage condition assessments:

- RDK Engineers – Mechanical/Electrical/Plumbing consulting services
- Tarbell Construction Management, Inc. – Cost Estimating

RDK will provide an assessment of fire protection, lighting, electrical and drainage systems with recommendations for improvements. Tarbell will provide cost estimating for the recommended improvements. It is Kleinfelder's standard approach to utilize a cost estimator for its vertical/building projects.

Upon authorization to proceed, Kleinfelder will initiate the work described below. The Letter Report will be prepared and submitted to the City within eight (8) weeks from execution of this agreement, barring weather-related or other delays beyond Kleinfelder's control.

Scope of Services

TASK 1.0 – Project Management and Meetings

Sub-Task 1.1 – Project Management and Administration

Develop a project workplan with a schedule, staffing plan, and quality assurance/quality control plan. Provide quality reviews in accordance with the workplan and company policies. Prepare monthly invoices, develop budget and schedule updates, and provide project coordination.

Sub-Task 1.2 – Progress Meetings

Arrange and direct up to two (2) progress meetings with the City and applicable agencies during the project. The meetings will coincide with issuance of the draft and final reports. Kleinfelder will prepare an agenda and meeting summaries for each of the meetings.

TASK 2.0 – Condition Assessment and Report Preparation

Sub-Task 2.1 – Field Visit

Conduct field visits to visually observe the existing condition of the garage, including condition of the concrete girders and precast double-tee beams; concrete decking and curbs; parapet walls; masonry exterior walls; joint treatments; columns; accessible routes; drainage system and trench drains; fire protection systems; and the electrical and lighting systems.

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- Testing or sampling of hazardous materials (asbestos, lead paint, PCB's, etc.) and concrete are not included.

Proposed Budget

We propose to conduct the Buena Vista Parking Garage Condition Assessment and Report for a fee of \$36,570 as summarized in the following table:

Task	Kleinfelder Labor	Kleinfelder Expenses	Subconsultants
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Subtotal Tasks 1 and 2	\$23,610	\$210	\$12,750
TOTAL BUDGETED FEE = \$36,570			

Please contact me at (617) 498-4773 if you have any questions or comments regarding this proposal. We appreciate the opportunity to be of continued service to you.

If this LOU meets your approval, please sign, date and return one original to our office, attention Michael Cunningham.

Very truly yours,

KLEINFELDER, INC.

By: 
Michael R. Cunningham, PE, Project Manager

Date

CITY OF SOMERVILLE

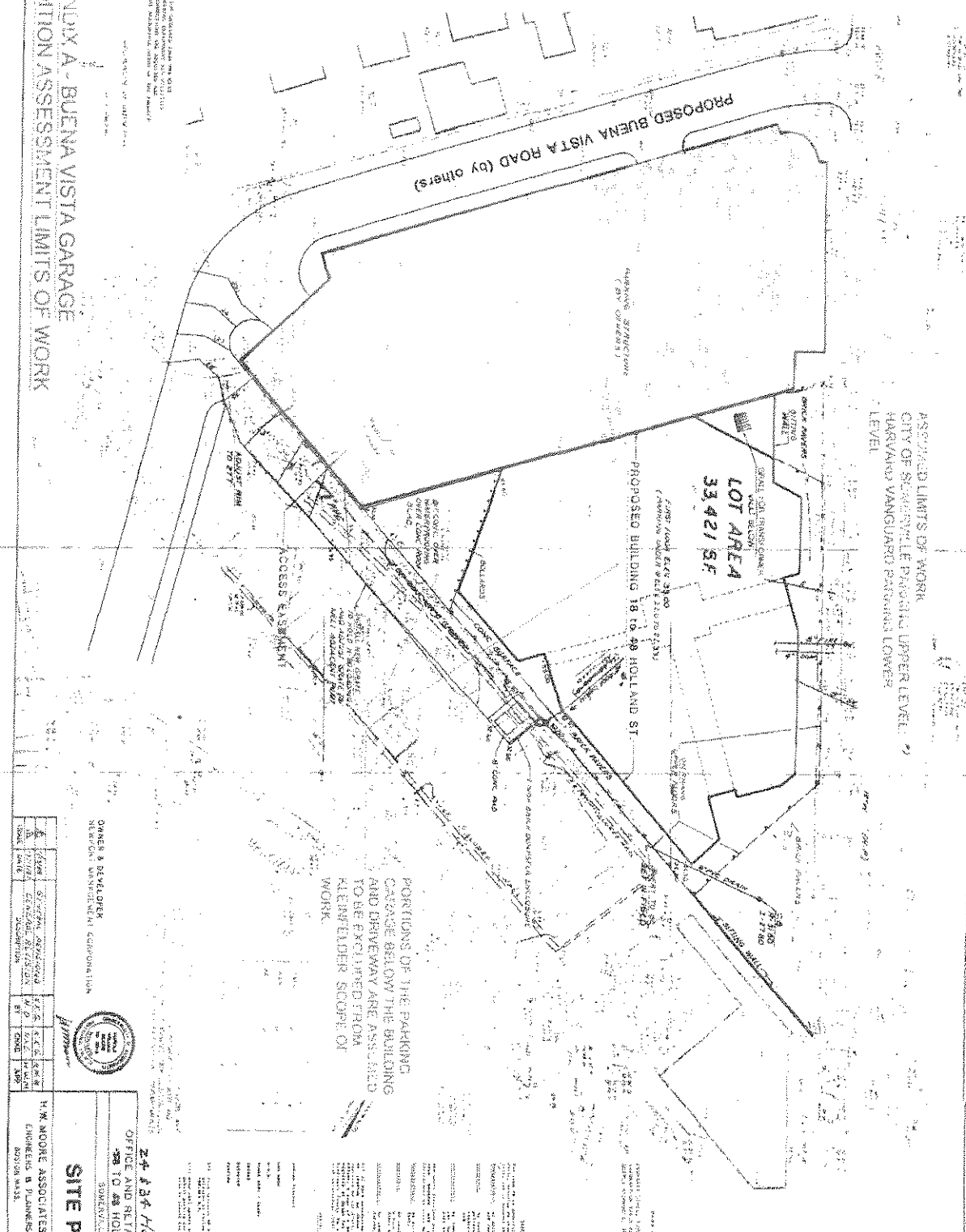
By: 

Date

cc: Christopher Sweet, Kleinfelder
File

G:\clients\Somerville MAMG150978.001P - Buena Vista Parking Garage\proposal\Somerville - Buena Vista Garage Proposal_121614-final reviewed.docx

APPENDIX A - BUENA VISTA GARAGE
CONDITION ASSESSMENT LIMITS OF WORK



OWNERS & DEVELOPER
MILITARY VANGUARD CORPORATION

24 1st Hollis St
OFFICE AND RETAIL CENTER
420 TO 48 HOLLAND ST.
SEATTLE, WA

SITE PLAN

H.M. MOORE ASSOCIATES, INC.
ENGINEERS & PLANNERS
BOSTON, MASS.

DATE: 5-8-87
SCALE: 1/8" = 1'-0"

NO.	DATE	DESCRIPTION	BY	CHKD.	APP.
1	5/8/87	PRELIMINARY			
2	5/15/87	REVISED			
3	5/22/87	REVISED			
4	5/29/87	REVISED			
5	6/5/87	REVISED			
6	6/12/87	REVISED			
7	6/19/87	REVISED			
8	6/26/87	REVISED			
9	7/3/87	REVISED			
10	7/10/87	REVISED			
11	7/17/87	REVISED			
12	7/24/87	REVISED			
13	7/31/87	REVISED			
14	8/7/87	REVISED			
15	8/14/87	REVISED			
16	8/21/87	REVISED			
17	8/28/87	REVISED			
18	9/4/87	REVISED			
19	9/11/87	REVISED			
20	9/18/87	REVISED			
21	9/25/87	REVISED			
22	10/2/87	REVISED			
23	10/9/87	REVISED			
24	10/16/87	REVISED			
25	10/23/87	REVISED			
26	10/30/87	REVISED			
27	11/6/87	REVISED			
28	11/13/87	REVISED			
29	11/20/87	REVISED			
30	11/27/87	REVISED			
31	12/4/87	REVISED			
32	12/11/87	REVISED			
33	12/18/87	REVISED			
34	12/25/87	REVISED			
35	1/1/88	REVISED			
36	1/8/88	REVISED			
37	1/15/88	REVISED			
38	1/22/88	REVISED			
39	1/29/88	REVISED			
40	2/5/88	REVISED			
41	2/12/88	REVISED			
42	2/19/88	REVISED			
43	2/26/88	REVISED			
44	3/5/88	REVISED			
45	3/12/88	REVISED			
46	3/19/88	REVISED			
47	3/26/88	REVISED			
48	4/2/88	REVISED			
49	4/9/88	REVISED			
50	4/16/88	REVISED			
51	4/23/88	REVISED			
52	4/30/88	REVISED			
53	5/7/88	REVISED			
54	5/14/88	REVISED			
55	5/21/88	REVISED			
56	5/28/88	REVISED			
57	6/4/88	REVISED			
58	6/11/88	REVISED			
59	6/18/88	REVISED			
60	6/25/88	REVISED			
61	7/2/88	REVISED			
62	7/9/88	REVISED			
63	7/16/88	REVISED			
64	7/23/88	REVISED			
65	7/30/88	REVISED			
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67	8/13/88	REVISED			
68	8/20/88	REVISED			
69	8/27/88	REVISED			
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83	12/3/88	REVISED			
84	12/10/88	REVISED			
85	12/17/88	REVISED			
86	12/24/88	REVISED			
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89	1/21/89	REVISED			
90	1/28/89	REVISED			
91	2/4/89	REVISED			
92	2/11/89	REVISED			
93	2/18/89	REVISED			
94	2/25/89	REVISED			
95	3/4/89	REVISED			
96	3/11/89	REVISED			
97	3/18/89	REVISED			
98	3/25/89	REVISED			
99	4/1/89	REVISED			
100	4/8/89	REVISED			

20153581

6015074-530000



Invoice

017 450 7000
P.A.S. 917 450 4000

Remit and Make Payment To:

Kleinfelder
P.O. Box 51958
Los Angeles, CA 90051-6258

April 30, 2015
Project No: 20150414.002A
Invoice No: 001058118

Ginger Barrett
Water Department Superintendent
City of Somerville, MA
Department of Public Works
1 Franey Road
Somerville, MA 02145

Financial Manager Tara Hourihan

Somerville MA: Webster Avenue Water Main Upgrades Engineering Services During Construction, Contract No. 140159

Professional Services from March 30, 2015 to April 26, 2015

Task	01-0000	Project Management and Meetings		
Fee				
Total Fee	8,030.00			
Percent Complete	45.00	Total Earned	3,613.50	
		Previous Fee Billing	2,810.50	
		Current Fee Billing	803.00	
		Total Fee		803.00
			Total this Task	\$803.00

Task	02-0000	Construction Phase Services		
Fee				
Total Fee	35,860.00			
Percent Complete	40.00	Total Earned	14,344.00	
		Previous Fee Billing	10,758.00	
		Current Fee Billing	3,586.00	
		Total Fee		3,586.00
			Total this Task	\$3,586.00

Task	03-0000	Record Drawings		
Fee				
Total Fee	2,030.00			
Percent Complete	0.00	Total Earned	0.00	
		Previous Fee Billing	0.00	
		Current Fee Billing	0.00	
		Total Fee		0.00
			Total this Task	0.00
			Total this Invoice	\$4,389.00

Please include the above invoice number on your payment.
To make a payment online, visit us at: <https://www.kleinfelder.com/epayment>

Ginger Barrett
5/18/13

20153581

6015074-530000



Invoice

EST. #67 11911
FAX #617-456-4673

Remit and Make Payment To:
Kleinfelder
P.O. Box 51958
Los Angeles, CA 90051-6258

May 28, 2015
Project No: 20150414.002A
Invoice No: 001061304

Ginger Barrett
Water Department Superintendent
City of Somerville, MA
Department of Public Works
1 Franey Road
Somerville, MA 02145

Financial Manager Tara Hourihan

Somerville MA: Webster Avenue Water Main Upgrades Engineering Services During Construction, Contract No. 140159
Professional Services from April 27, 2015 to May 24, 2015

Task	01-0000	Project Management and Meetings		
Fee				
Total Fee		8,030.00		
Percent Complete		45.00	Total Earned	3,613.50
			Previous Fee Billing	3,613.50
			Current Fee Billing	0.00
			Total Fee	0.00
			Total this Task	0.00
Task	02-0000	Construction Phase Services		
Fee				
Total Fee		35,860.00		
Percent Complete		50.00	Total Earned	17,930.00
			Previous Fee Billing	14,344.00
			Current Fee Billing	3,586.00
			Total Fee	3,586.00
			Total this Task	\$3,586.00
Task	03-0000	Record Drawings		
Fee				
Total Fee		2,030.00		
Percent Complete		0.00	Total Earned	0.00
			Previous Fee Billing	0.00
			Current Fee Billing	0.00
			Total Fee	0.00
			Total this Task	0.00
			Total this Invoice	\$3,586.00

Ginger Barrett
6/3/15

Please include the above invoice number on your payment.
To make a payment online, visit us at: <https://www.kleinfelder.com/epayment>

RENEWAL CONTRACT
BY AND BETWEEN
THE CITY OF SOMERVILLE ACTING THROUGH
THE PURCHASING DEPARTMENT
AND
WESTON & SAMPSON ENGINEERS, INC.

Contract 140177 Renewal Year 2

Contract Amount: \$ 250,000.00

P.O. # 20152807

P.O. Amount: \$ 50,000.00

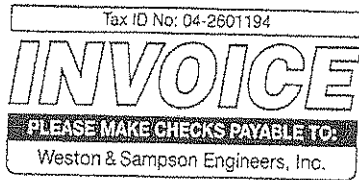
Contract Period: 10/01/2014 to 09/30/2015
With one (1), One year Option to renew

Contract For: On-Call Engineering Services

Vendor: Weston & Sampson Engineers, Inc.
Five Centennial Drive
Peabody, Massachusetts 01960-7985
978-532-1900
978-977-0100

Contact: Larry Keegan keeganl@wseinc.com

ACCORDING TO THE SPECIFICATIONS CONTAINED HEREIN.



Five Centennial Drive
Peabody, MA 01960-7985
tel: 978-632-1900 fax: 978-977-0100
www.westonandsampson.com

Weston & Sampson
ENGINEERS, INC.

2016 FEB -5 AM 1:25

Ginger Barrett
Superintendent, Water & Sewer
SOMERVILLE, CITY OF
17 Franey Road
Somerville, MA 02145

February 02, 2015
Project No: 2130636
Invoice No: 442016

Project 2130636 SOMERVILLE-CEDAR STREET DRAINAGE
Professional Services through January 23, 2015

Phase A PHASE A-COLLECTION & REVIEW OF EXISTING INFORMATION
Fee

Description	Contract Amount	% Work To Date	Amount Billed To Date	Previously Billed	This Inv. Billed
PHASE A-COLLECTION & REVIEW OF INFO	4,200.00	100.00	4,200.00	4,200.00	0.00
PHASE B-FIELD INVESTIGATION	48,500.00	100.00	48,500.00	48,500.00	0.00
PHASE C-UTILITY LOCATION	45,400.00	100.00	45,400.00	45,400.00	0.00
PHASE D-OHM ASSESSMENT	18,000.00	100.00	18,000.00	18,000.00	0.00
PHASE E-HYDRAULIC ANALYSIS	14,500.00	100.00	14,500.00	14,500.00	0.00
PHASE F-MEETINGS	13,700.00	80.00	10,960.00	10,960.00	0.00
PHASE G-SUBMITTALS AND FINAL REPORT	83,300.00	70.00	58,310.00	58,310.00	0.00
PHASE H-GEOTECHNICAL BORINGS	31,900.00	100.00	31,900.00	31,900.00	0.00
PHASE I-ADDITIONAL DRAINAGE DESIGN	11,800.00	100.00	11,800.00	5,900.00	5,900.00
PHASE J-TRAFFIC SIGNAL DESIGN	28,000.00	40.00	11,200.00	2,800.00	8,400.00
Total Fee	299,300.00		254,770.00	240,470.00	14,300.00
Total Fee					14,300.00
Total this Phase					\$14,300.00
TOTAL THIS INVOICE					\$14,300.00

Ginger Barrett
2/11/15

Payment is due 30 days from Invoice Date

Please note we have a new address for payment remittances

Project	2130636	SOMERVILLE-CEDAR STREET DRAINAGE	Invoice	442016
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Outstanding Invoices

Number	Date	Balance
441081	1/7/2015	20,250.00
Total		20,250.00

Total Now Due	\$34,550.00
----------------------	--------------------

Payment is due 30 days from Invoice Date

Please note we have a new address for payment remittances

Date: February 3, 2015
To: Ginger Barrett, Water & Sewer Superintendent
From: David M. Elmer, PE
Subject: Summary and Update of Somerville Projects

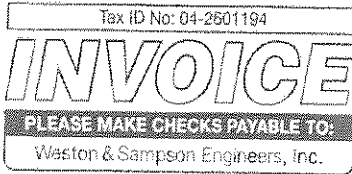
Project Status:

- Cedar Street
 - Collection and Review of Existing Information
 - Obtained Verizon and NStar Gas Record Drawings.
 - Obtained Level 3 Communications Locus Map
 - Reviewed existing GIS Data
 - Obtained existing water, sewer, and drain drawings
 - Obtained tie card information
 - Reviewed list of lead services
 - Performed DEP File Search
 - Existing conditions CAD drawings have been developed.
 - Field Investigation
 - Manhole inspections were completed on January 30, 2014.
 - Television inspection was completed on March 25 & 28, 2014.
 - Utility Location
 - Field utility survey was completed on November 19, 21, 22, and December 3, 2013.
 - OHM Assessment
 - Environmental Borings were completed at seven (7) locations on December 26th and 27th
 - A monitoring well was installed at the intersection of Cedar and Summer Street
 - A PID reading of 1,200 ppmv was recorded in the 6' to 11' sample at the intersection of Cedar and Summer Street
 - Hydraulic Analysis
 - Hydraulic modeling is substantially complete. Modeling data was used to size the proposed sewer and drain infrastructure on Cedar and Elm Streets.
 - Meetings
 - May 23, 2014 – Discussed the discharge location for the proposed Drain on Cedar Street with Wayne Keefner of DCI.
 - July 29, 2014 – Reviewed the 25% design drawings.
 - August 12, 2014 - Reviewed the 25% design public meeting presentation.
 - September 8, 2014 – Public meeting to present 25% design.
 - September 22, 2014 – Discussed the streetscape design.
 - October 2, 2014 – Met with NSTAR Gas to discuss gas main relocation.
 - November 12, 2014 – Met with Terry Smith to discuss Traffic Management Plan.
 - November 20, 2014 – Project update and 75% public meeting presentation review.

- December 3, 2014 – Traffic management meeting
- December 9, 2014 – Public meeting to present 75% design.
- Submittals and Final Report
 - Utility design is ongoing.
 - Developed layout for roadway, bike lane and sidewalks.
 - Established grading and ramp placement for ADA compliance.
 - 25% utility design and roadway design plans and cost estimate were submitted to the City on August 22, 2014.
- Geotechnical Borings
 - New England Boring completed nine (9) geotechnical borings on Cedar Street, Cedar Avenue, and Hall Street between November 17 and November 21, 2014.
- Additional Drainage Design
 - Weston & Sampson performed the topographic and utility survey on November 4, 2014
- Additional Traffic Signal Design (Intersection of Cedar Street and Summer Street)
 - The traffic signal analysis, including an existing Level of Service (LOS) analysis and anticipated 7-Year LOS analysis, is underway
 - Manual Turning Movement Counts (TMC) for vehicles and pedestrians and directional Automatic Traffic Recorder (ATR) counts were collected on December 18, 2014.
- Sewer, Drain, and Combined System Capital Improvement Program
 - Collected and scanned existing Reports
 - 2013 Pavement Management Study (May 2013)
 - CCTV RJV Construction (2011)
 - CDM 2009 Report
 - CDM Phase 2 Sewer System Evaluation Survey (November 1997)
 - CDM Sewer Assessment Report (February 2009)
 - CDM Tannery Brook Drain Separation preliminary Design Final (December 2005)
 - ClogBusters Pan & Tilt Camera Inspection Report (April 2011)
 - DEP Letters (2006, 2010, 2013)
 - I&I Study of Areas Affected by Stage 1 (March 1976)
 - Improvements to the Sewer System (March 1974)
 - Improvements to the Water Distribution System (February 1974)
 - Phase 2 Evaluation (November 1997)
 - Sewer System Evaluation (March 1995)
 - Sewer System Evaluation Survey WRA-30-1-083 (January 1996)
 - System Optimization Plans M&E (June 1993)
 - Tannery Brook Drain Evaluation Phase 2 (December 2006)
 - Vermont Pipeline Services (1996)
 - Water Distribution Plan and CIP (February 2012)

Estimated Future Work:

- Design Report and 75% Submittal – February 2015
- Final Contract Documents – February 2015
- Cedar Street Construction and Construction Services – Spring/Summer 2015



Five Centennial Drive
Peabody, MA 01960-7985
tel: 978-532-1900 fax: 978-977-0100
www.westonandsampson.com

Weston & Sampson
ENGINEERS, INC.

2052807

Ginger Barrett
Superintendent, Water & Sewer
SOMERVILLE, CITY OF
17 Franey Road
Somerville, MA 02145

March 03, 2015
Project No: 2130636
Invoice No: 443012

Project 2130636 SOMERVILLE-CEDAR STREET DRAINAGE

Professional Services through February 20, 2015

Phase A PHASE A-COLLECTION & REVIEW OF EXISTING INFORMATION
Fee

Description	Contract Amount	% Work To Date	Amount Billed To Date	Previously Billed	This Inv. Billed
PHASE A-COLLECTION & REVIEW OF INFO	4,200.00	100.00	4,200.00	4,200.00	0.00
PHASE B-FIELD INVESTIGATION	48,500.00	100.00	48,500.00	48,500.00	0.00
PHASE C-UTILITY LOCATION	45,400.00	100.00	45,400.00	45,400.00	0.00
PHASE D-OHM ASSESSMENT	18,000.00	100.00	18,000.00	18,000.00	0.00
PHASE E-HYDRAULIC ANALYSIS	14,500.00	100.00	14,500.00	14,500.00	0.00
PHASE F-MEETINGS	13,700.00	80.00	10,960.00	10,960.00	0.00
PHASE G-SUBMITTALS AND FINAL REPORT	83,300.00	85.00	70,805.00	58,310.00	12,495.00
PHASE H-GEOTECHNICAL BORINGS	31,900.00	100.00	31,900.00	31,900.00	0.00
PHASE I-ADDITIONAL DRAINAGE DESIGN	11,800.00	100.00	11,800.00	11,800.00	0.00
PHASE J-TRAFFIC SIGNAL DESIGN	28,000.00	60.00	16,800.00	11,200.00	5,600.00
Total Fee	299,300.00		272,865.00	254,770.00	18,095.00
Total Fee					18,095.00
Total this Phase					\$18,095.00
TOTAL THIS INVOICE					\$18,095.00

Outstanding Invoices

Number	Date	Balance
441081	1/7/2015	20,250.00

Ginger Barrett
3/6/15

Payment is due 30 days from Invoice Date

Please note we have a new address for payment remittances

Project	2130636	SOMERVILLE-CEDAR STREET DRAINAGE	Invoice	443012
	442016	2/2/2015	14,300.00	
	Total		34,550.00	
			Total Now Due	\$52,645.00

Payment is due 30 days from Invoice Date

Please note we have a new address for payment remittances

Date: February 27, 2015
To: Ginger Barrett, Water & Sewer Superintendent
From: David M. Elmer, PE
Subject: Summary and Update of Somerville Projects

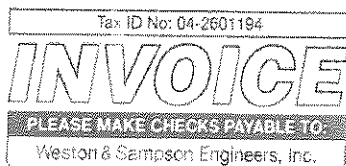
Project Status:

- Cedar Street
 - Collection and Review of Existing Information
 - Obtained Verizon and NStar Gas Record Drawings.
 - Obtained Level 3 Communications Locust Map
 - Reviewed existing GIS Data
 - Obtained existing water, sewer, and drain drawings
 - Obtained tie card information
 - Reviewed list of lead services
 - Performed DEP File Search
 - Existing conditions CAD drawings have been developed.
 - Field Investigation
 - Manhole inspections were completed on January 30, 2014.
 - Television inspection was completed on March 25 & 28, 2014.
 - Utility Location
 - Field utility survey was completed on November 19, 21, 22, and December 3, 2013.
 - OHM Assessment
 - Environmental Borings were completed at seven (7) locations on December 26th and 27th
 - A monitoring well was installed at the intersection of Cedar and Summer Street
 - A PID reading of 1,200 ppmv was recorded in the 6' to 11' sample at the intersection of Cedar and Summer Street
 - Hydraulic Analysis
 - Hydraulic modeling is substantially complete. Modeling data was used to size the proposed sewer and drain infrastructure on Cedar and Elm Streets.
 - Meetings
 - May 23, 2014 – Discussed the discharge location for the proposed Drain on Cedar Street with Wayne Keefner of DCI.
 - July 29, 2014 – Reviewed the 25% design drawings.
 - August 12, 2014 - Reviewed the 25% design public meeting presentation.
 - September 8, 2014 – Public meeting to present 25% design.
 - September 22, 2014 – Discussed the streetscape design.
 - October 2, 2014 – Met with NSTAR Gas to discuss gas main relocation.
 - November 12, 2014 – Met with Terry Smith to discuss Traffic Management Plan.
 - November 20, 2014 – Project update and 75% public meeting presentation review.

- December 3, 2014 – Traffic management meeting
- December 9, 2014 – Public meeting to present 75% design.
- Submittals and Final Report
 - Utility design is ongoing.
 - Developed layout for roadway, bike lane and sidewalks.
 - Established grading and ramp placement for ADA compliance.
 - 25% utility design and roadway design plans and cost estimate were submitted to the City on August 22, 2014.
 - Design Report was submitted to the City on February 22, 2015.
 - 75% utility design and roadway design plans and cost estimate were submitted to the City on February 22, 2015.
- Geotechnical Borings
 - New England Boring completed nine (9) geotechnical borings on Cedar Street, Cedar Avenue, and Hall Street between November 17 and November 21, 2014.
- Additional Drainage Design
 - Weston & Sampson performed the topographic and utility survey on November 4, 2014
- Additional Traffic Signal Design (Intersection of Cedar Street and Summer Street)
 - The traffic signal analysis, including an existing Level of Service (LOS) analysis and anticipated 7-Year LOS analysis, is underway
 - Manual Turning Movement Counts (TMC) for vehicles and pedestrians and directional Automatic Traffic Recorder (ATR) counts were collected on December 18, 2014.
- Sewer, Drain, and Combined System Capital Improvement Program
 - Collected and scanned existing Reports
 - 2013 Pavement Management Study (May 2013)
 - CCTV RJV Construction (2011)
 - CDM 2009 Report
 - CDM Phase 2 Sewer System Evaluation Survey (November 1997)
 - CDM Sewer Assessment Report (February 2009)
 - CDM Tannery Brook Drain Separation preliminary Design Final (December 2005)
 - ClogBusters Pan & Tilt Camera Inspection Report (April 2011)
 - DEP Letters (2006, 2010, 2013)
 - I&I Study of Areas Affected by Stage 1 (March 1976)
 - Improvements to the Sewer System (March 1974)
 - Improvements to the Water Distribution System (February 1974)
 - Phase 2 Evaluation (November 1997)
 - Sewer System Evaluation (March 1995)
 - Sewer System Evaluation Survey WRA-30-1-083 (January 1996)
 - System Optimization Plans M&E (June 1993)
 - Tannery Brook Drain Evaluation Phase 2 (December 2006)
 - Vermont Pipeline Services (1996)
 - Water Distribution Plan and CIP (February 2012)

Estimated Future Work:

- Final Contract Documents – March 2015
- Cedar Street Construction and Construction Services – Summer/Fall 2015



Five Centennial Drive
Peabody, MA 01960-7985
tel: 978-532-1900 fax: 978-977-0100
www.westonandsampson.com

Weston & Sampson
ENGINEERS, INC.

January 07, 2015

Ginger Barrett
Superintendent, Water & Sewer
SOMERVILLE, CITY OF
17 Franey Road
Somerville, MA 02145

Project No: 2130636
Invoice No: 441081

20152807

Project 2130636 SOMERVILLE-CEDAR STREET DRAINAGE

Professional Services through December 26, 2014

Phase A PHASE A-COLLECTION & REVIEW OF EXISTING INFORMATION

Fee

Description	Contract Amount	% Work To Date	Amount Billed To Date	Previously Billed	This Inv. Billed
PHASE A-COLLECTION & REVIEW OF INFO	4,200.00	100.00	4,200.00	4,200.00	0.00
PHASE B-FIELD INVESTIGATION	48,500.00	100.00	48,500.00	48,500.00	0.00
PHASE C-UTILITY LOCATION	45,400.00	100.00	45,400.00	45,400.00	0.00
PHASE D-OHM ASSESSMENT	18,000.00	100.00	18,000.00	18,000.00	0.00
PHASE E-HYDRAULIC ANALYSIS	14,500.00	100.00	14,500.00	14,500.00	0.00
PHASE F-MEETINGS	13,700.00	80.00	10,960.00	8,220.00	2,740.00
PHASE G-SUBMITTALS AND FINAL REPORT	83,300.00	70.00	58,310.00	49,980.00	8,330.00
PHASE H-GEOTECHNICAL BORINGS	31,900.00	100.00	31,900.00	25,520.00	6,380.00
PHASE I-ADDITIONAL DRAINAGE DESIGN	11,800.00	50.00	5,900.00	5,900.00	0.00
PHASE J-TRAFFIC SIGNAL DESIGN	28,000.00	10.00	2,800.00	0.00	2,800.00
Total Fee	299,300.00		240,470.00	220,220.00	20,250.00
			Total Fee		20,250.00
				Total this Phase	\$20,250.00
				TOTAL THIS INVOICE	\$20,250.00

Ginger Barrett
3/20/15

Payment is due 30 days from Invoice Date

Please note we have a new address for payment remittances

Date: January 5, 2015
To: Ginger Barrett, Water & Sewer Superintendent
From: David M. Elmer, PE
Subject: Summary and Update of Somerville Projects

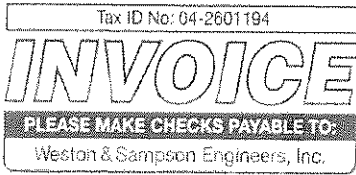
Project Status:

- Cedar Street
 - Collection and Review of Existing Information
 - Obtained Verizon and NStar Gas Record Drawings.
 - Obtained Level 3 Communications Locus Map
 - Reviewed existing GIS Data
 - Obtained existing water, sewer, and drain drawings
 - Obtained tie card information
 - Reviewed list of lead services
 - Performed DEP File Search
 - Existing conditions CAD drawings have been developed.
 - Field Investigation
 - Manhole inspections were completed on January 30, 2014.
 - Television inspection was completed on March 25 & 28, 2014.
 - Utility Location
 - Field utility survey was completed on November 19, 21, 22, and December 3, 2013.
 - OHM Assessment
 - Environmental Borings were completed at seven (7) locations on December 26th and 27th
 - A monitoring well was installed at the intersection of Cedar and Summer Street
 - A PID reading of 1,200 ppmv was recorded in the 6' to 11' sample at the intersection of Cedar and Summer Street
 - Hydraulic Analysis
 - Hydraulic modeling is substantially complete. Modeling data was used to size the proposed sewer and drain infrastructure on Cedar and Elm Streets.
 - Meetings
 - May 23, 2014 – Discussed the discharge location for the proposed Drain on Cedar Street with Wayne Keefner of DCI.
 - July 29, 2014 – Reviewed the 25% design drawings.
 - August 12, 2014 - Reviewed the 25% design public meeting presentation.
 - September 8, 2014 – Public meeting to present 25% design.
 - September 22, 2014 – Discussed the streetscape design.
 - October 2, 2014 – Met with NSTAR Gas to discuss gas main relocation.
 - November 12, 2014 – Met with Terry Smith to discuss Traffic Management Plan.
 - November 20, 2014 – Project update and 75% public meeting presentation review.

- December 3, 2014 – Traffic management meeting
- December 9, 2014 – Public meeting to present 75% design.
- Submittals and Final Report
 - Utility design is ongoing.
 - Developed layout for roadway, bike lane and sidewalks.
 - Established grading and ramp placement for ADA compliance.
 - 25% utility design and roadway design plans and cost estimate were submitted to the City on August 22, 2014.
- Geotechnical Borings
 - New England Boring completed nine (9) geotechnical borings on Cedar Street, Cedar Avenue, and Hall Street between November 17 and November 21, 2014.
- Additional Drainage Design
 - Weston & Sampson performed the topographic and utility survey on November 4, 2014
- Additional Traffic Signal Design (Intersection of Cedar Street and Summer Street)
 - The traffic signal analysis, including an existing Level of Service (LOS) analysis and anticipated 7-Year LOS analysis, is underway
 - Manual Turning Movement Counts (TMC) for vehicles and pedestrians and directional Automatic Traffic Recorder (ATR) counts were collected on December 18, 2014.
- Sewer, Drain, and Combined System Capital Improvement Program
 - Collected and scanned existing Reports
 - 2013 Pavement Management Study (May 2013)
 - CCTV RJV Construction (2011)
 - CDM 2009 Report
 - CDM Phase 2 Sewer System Evaluation Survey (November 1997)
 - CDM Sewer Assessment Report (February 2009)
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 - Phase 2 Evaluation (November 1997)
 - Sewer System Evaluation (March 1995)
 - Sewer System Evaluation Survey WRA-30-1-083 (January 1996)
 - System Optimization Plans M&E (June 1993)
 - Tannery Brook Drain Evaluation Phase 2 (December 2006)
 - Vermont Pipeline Services (1996)
 - Water Distribution Plan and CIP (February 2012)

Estimated Future Work:

- Cedar Street 75% Submittal – January 2015
- Final Contract Documents – February 2015
- Cedar Street Construction and Construction Services – Spring/Summer 2015



Five Centennial Drive
Peabody, MA 01960-7985
tel: 978-532-1900 fax: 978-877-0100
www.westonandsampson.com



Ginger Barrett
Water & Sewer Superintendent
SOMERVILLE, CITY OF
17 Franey Road
Somerville, MA 02145

March 03, 2015
Project No: 2140304
Invoice No: 443016

Project 2140304 SOMERVILLE-CIP DEVELOPMENT

P.O. #20146057-00

Professional Services through February 20, 2015
Fee

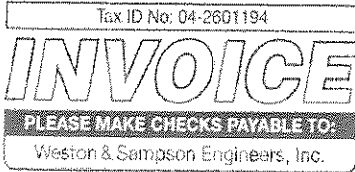
Description	Contract Amount	% Work To Date	Amount Billed To Date	Previously Billed	This Inv. Billed
PHASE A-CIP DEVELOPMENT	29,600.00	20.00	5,920.00	1,480.00	4,440.00
Total Fee	29,600.00		5,920.00	1,480.00	4,440.00
Total Fee					4,440.00
TOTAL THIS INVOICE					\$4,440.00

20155373
R-15006253
V-30125
C-140177R2
64301000-530000

Ginger Barrett
3/9/15

Payment is due 30 days from Invoice Date

Please note we have a new address for payment remittances



Five Centennial Drive
Peabody, MA 01960-7985
tel: 978-532-1900 fax: 978-977-0100
www.westonandsampson.com

Weston & Sampson
ENGINEERS, INC.

April 07, 2015

Project No: 2140304

Invoice No: 444099

Ginger Barrett
Water & Sewer Superintendent
SOMERVILLE, CITY OF
17 Franey Road
Somerville, MA 02145

Project 2140304 SOMERVILLE-CIP DEVELOPMENT

P.O. #20146057-00

20155373

Professional Services through March 27, 2015

Fee

Description	Contract Amount	% Work To Date	Amount Billed To Date	Previously Billed	This Inv. Billed
PHASE A-CIP DEVELOPMENT	29,600.00	25.00	7,400.00	5,920.00	1,480.00
Total Fee	29,600.00		7,400.00	5,920.00	1,480.00
Total Fee					1,480.00
TOTAL THIS INVOICE					\$1,480.00

Outstanding Invoices

Number	Date	Balance
443016	3/3/2015	4,440.00
Total		4,440.00

Total Now Due \$5,920.00

Ginger Barrett
4/10/15

Payment is due 30 days from Invoice Date

Please note we have a new address for payment remittances

Date: April 7, 2015
To: Ginger Barrett, Water & Sewer Superintendent
From: David M. Elmer, PE
Subject: Summary and Update of Somerville Projects

Project Status:

- Cedar Street
 - Collection and Review of Existing Information
 - Obtained Verizon and NStar Gas Record Drawings.
 - Obtained Level 3 Communications Locus Map
 - Reviewed existing GIS Data
 - Obtained existing water, sewer, and drain drawings
 - Obtained tie card information
 - Reviewed list of lead services
 - Performed DEP File Search
 - Existing conditions CAD drawings have been developed.
 - Field Investigation
 - Manhole inspections were completed on January 30, 2014.
 - Television inspection was completed on March 25 & 28, 2014.
 - Utility Location
 - Field utility survey was completed on November 19, 21, 22, and December 3, 2013.
 - OHM Assessment
 - Environmental Borings were completed at seven (7) locations on December 26th and 27th
 - A monitoring well was installed at the intersection of Cedar and Summer Street
 - A PID reading of 1,200 ppmv was recorded in the 6' to 11' sample at the intersection of Cedar and Summer Street
 - Hydraulic Analysis
 - Hydraulic modeling is substantially complete. Modeling data was used to size the proposed sewer and drain infrastructure on Cedar and Elm Streets.
 - Meetings
 - May 23, 2014 – Discussed the discharge location for the proposed Drain on Cedar Street with Wayne Keefner of DCI.
 - July 29, 2014 – Reviewed the 25% design drawings.
 - August 12, 2014 - Reviewed the 25% design public meeting presentation.
 - September 8, 2014 – Public meeting to present 25% design.
 - September 22, 2014 – Discussed the streetscape design.
 - October 2, 2014 – Met with NSTAR Gas to discuss gas main relocation.
 - November 12, 2014 – Met with Terry Smith to discuss Traffic Management Plan.
 - November 20, 2014 – Project update and 75% public meeting presentation review.

- December 3, 2014 – Traffic management meeting
- December 9, 2014 – Public meeting to present 75% design.
- Submittals and Final Report
 - Developed layout for roadway, bike lane and sidewalks.
 - Established grading and ramp placement for ADA compliance.
 - 25% utility design and roadway design plans and cost estimate were submitted to the City on August 22, 2014.
 - Design Report was submitted to the City on February 22, 2015.
 - 75% utility design and roadway design plans and cost estimate were submitted to the City on February 22, 2015.
- Geotechnical Borings
 - New England Boring completed nine (9) geotechnical borings on Cedar Street, Cedar Avenue, and Hall Street between November 17 and November 21, 2014.
- Additional Drainage Design
 - Weston & Sampson performed the topographic and utility survey on November 4, 2014
- Additional Traffic Signal Design (Intersection of Cedar Street and Summer Street)
 - The traffic signal analysis, including an existing Level of Service (LOS) analysis and anticipated 7-Year LOS analysis, is underway
 - Manual Turning Movement Counts (TMC) for vehicles and pedestrians and directional Automatic Traffic Recorder (ATR) counts were collected on December 18, 2014.
 - The Draft Functional Design Report was submitted to the City for review on March 2, 2015.
- Sewer, Drain, and Combined System Capital Improvement Program
 - Collected and scanned existing Reports
 - 2013 Pavement Management Study (May 2013)
 - CCTV RJV Construction (2011)
 - CDM 2009 Report
 - CDM Phase 2 Sewer System Evaluation Survey (November 1997)
 - CDM Sewer Assessment Report (February 2009)
 - CDM Tannery Brook Drain Separation preliminary Design Final (December 2005)
 - ClogBusters Pan & Tilt Camera Inspection Report (April 2011)
 - DEP Letters (2006, 2010, 2013)
 - I&I Study of Areas Affected by Stage 1 (March 1976)
 - Improvements to the Sewer System (March 1974)
 - Improvements to the Water Distribution System (February 1974)
 - Phase 2 Evaluation (November 1997)
 - Sewer System Evaluation (March 1995)
 - Sewer System Evaluation Survey WRA-30-1-083 (January 1996)
 - System Optimization Plans M&E (June 1993)
 - Tannery Brook Drain Evaluation Phase 2 (December 2006)
 - Vermont Pipeline Services (1996)
 - Water Distribution Plan and CIP (February 2012)
 - Reviewed existing reports and created sewer and stormwater system project maps.

Estimated Future Work:

- Final Contract Documents – April 2015
- Cedar Street Construction and Construction Services – Summer/Fall 2015

T:\wastewater\Project Management\DME TEAM\Invoice Memos\DME Invoice Memos\2015\SOMERVILLE\04072015 INVOICE MEMO - SOMERVILLE.docx

Tax ID No: 04-2601194

INVOICE

PLEASE MAKE CHECKS PAYABLE TO:
Weston & Sampson Engineers, Inc.

Five Centennial Drive
Peabody, MA 01960-7985
tel: 978-532-1900 fax: 978-977-0100
www.westonandsampson.com

Weston & Sampson
ENGINEERS, INC.

Ginger Barrett
Superintendent, Water & Sewer
SOMERVILLE, CITY OF
17 Franey Road
Somerville, MA 02145

May 04, 2015
Project No: 2130636
Invoice No: 445022

Project 2130636 SOMERVILLE-CEDAR STREET DRAINAGE
Professional Services through April 24, 2015

Phase A PHASE A-COLLECTION & REVIEW OF EXISTING INFORMATION
Fee

Description	Contract Amount	% Work To Date	Amount Billed To Date	Previously Billed	This Inv. Billed
PHASE A-COLLECTION & REVIEW OF INFO	4,200.00	100.00	4,200.00	4,200.00	0.00
PHASE B-FIELD INVESTIGATION	48,500.00	100.00	48,500.00	48,500.00	0.00
PHASE C-UTILITY LOCATION	45,400.00	100.00	45,400.00	45,400.00	0.00
PHASE D-OHM ASSESSMENT	18,000.00	100.00	18,000.00	18,000.00	0.00
PHASE E-HYDRAULIC ANALYSIS	14,500.00	100.00	14,500.00	14,500.00	0.00
PHASE F-MEETINGS	13,700.00	100.00	13,700.00	10,960.00	2,740.00
PHASE G-SUBMITTALS AND FINAL REPORT	83,300.00	100.00	83,300.00	70,805.00	12,495.00
PHASE H-GEOTECHNICAL BORINGS	31,900.00	100.00	31,900.00	31,900.00	0.00
PHASE I-ADDITIONAL DRAINAGE DESIGN	11,800.00	100.00	11,800.00	11,800.00	0.00
PHASE J-TRAFFIC SIGNAL DESIGN	28,000.00	100.00	28,000.00	16,800.00	11,200.00
Total Fee	299,300.00		299,300.00	272,865.00	26,435.00
Total Fee					26,435.00
Total this Phase					\$26,435.00
TOTAL THIS INVOICE					\$26,435.00

20155373 - \$21,700.00
20152807 - \$4,735.00

Payment is due 30 days from Invoice Date
Please note we have a new address for payment remittances

Date: May 4, 2015
To: Ginger Barrett, Water & Sewer Superintendent
From: David M. Elmer, PE
Subject: Summary and Update of Somerville Projects

Project Status:

- Cedar Street
 - Collection and Review of Existing Information
 - Obtained Verizon and NStar Gas Record Drawings.
 - Obtained Level 3 Communications Locus Map
 - Reviewed existing GIS Data
 - Obtained existing water, sewer, and drain drawings
 - Obtained tie card information
 - Reviewed list of lead services
 - Performed DEP File Search
 - Existing conditions CAD drawings have been developed.
 - Field Investigation
 - Manhole inspections were completed on January 30, 2014.
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 - Meetings
 - May 23, 2014 – Discussed the discharge location for the proposed Drain on Cedar Street with Wayne Keefner of DCI.
 - July 29, 2014 – Reviewed the 25% design drawings.
 - August 12, 2014 - Reviewed the 25% design public meeting presentation.
 - September 8, 2014 – Public meeting to present 25% design.
 - September 22, 2014 – Discussed the streetscape design.
 - October 2, 2014 – Met with NSTAR Gas to discuss gas main relocation.
 - November 12, 2014 – Met with Terry Smith to discuss Traffic Management Plan.
 - November 20, 2014 – Project update and 75% public meeting presentation review.

- December 3, 2014 – Traffic management meeting.
 - December 9, 2014 – Public meeting to present 75% design.
 - April 13, 2015 – Reviewed the 75% design drawings.
 - April 24, 2015 – Weston & Sampson met onsite with Eversource to review the proposed gas main layout
- Submittals and Final Report
 - Developed layout for roadway, bike lane and sidewalks.
 - Established grading and ramp placement for ADA compliance.
 - 25% utility design and roadway design plans and cost estimate were submitted to the City on August 22, 2014.
 - Design Report was submitted to the City on February 22, 2015.
 - 75% utility design and roadway design plans and cost estimate were submitted to the City on February 22, 2015.
- Geotechnical Borings
 - New England Boring completed nine (9) geotechnical borings on Cedar Street, Cedar Avenue, and Hall Street between November 17 and November 21, 2014.
- Additional Drainage Design
 - Weston & Sampson performed the topographic and utility survey on November 4, 2014
- Additional Traffic Signal Design (Intersection of Cedar Street and Summer Street)
 - The traffic signal analysis, including an existing Level of Service (LOS) analysis and anticipated 7-Year LOS analysis, is underway
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 - The Draft Functional Design Report was submitted to the City for review on March 2, 2015.
- Sewer, Drain, and Combined System Capital Improvement Program
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 - CCTV RJV Construction (2011)
 - CDM 2009 Report
 - CDM Phase 2 Sewer System Evaluation Survey (November 1997)
 - CDM Sewer Assessment Report (February 2009)
 - CDM Tannery Brook Drain Separation preliminary Design Final (December 2005)
 - ClogBusters Pan & Tilt Camera Inspection Report (April 2011)
 - DEP Letters (2006, 2010, 2013)
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 - Sewer System Evaluation (March 1995)
 - Sewer System Evaluation Survey WRA-30-1-083 (January 1996)
 - System Optimization Plans M&E (June 1993)
 - Tannery Brook Drain Evaluation Phase 2 (December 2006)
 - Vermont Pipeline Services (1996)
 - Water Distribution Plan and CIP (February 2012)

- Reviewed existing reports and created sewer and stormwater system project maps.

Estimated Future Work:

- Final Contract Documents – May 2015
- Cedar Street Construction and Construction Services – Summer/Fall 2015

T:\wastewater\Project Management\DME TEAM\Invoice Memos\DME Invoice Memos 2015\SOMERVILLE\05042015 INVOICE MEMO - SOMERVILLE.docx

RENEWAL CONTRACT
BY AND BETWEEN
THE CITY OF SOMERVILLE ACTING THROUGH
THE PURCHASING DEPARTMENT
AND
F. THOMAS DONAHUE

Contract 140315 Renewal Year 2

Contract Amount: \$ 50,000.00

P.O. # 2015 4966

P.O. Amount: \$ 15,000.00

Contract Period: 1/01/2015 to 12/31/2015

Contract For: Engineering Services for the Water Department

Vendor: F. Thomas Donahue
13E Sea Breeze Lane
Nahant, MA 01908
781-710-3415

ACCORDING TO THE SPECIFICATIONS CONTAINED HEREIN.

F. Thom Donahue, C.E., MBA

13-E Sea Breeze Lane

Nahant, Massachusetts 01908

781-710-3415 • thom.donahue2@verizon.net • www.linkedin.com/in/thomdonahue

February 5, 2015

City of Somerville
DPW Water Department
One Franey Road
Somerville, MA 02145



Invoice

For Professional Services Rendered per Contract #140315
January 1, 2015 – January 31, 2015

- MA Licensed 4D Drinking Water System Operator
- MA Licensed Construction Supervisor
- MA Certified Supervising Civil Engineer VI
- OSHA Certified: Construction Safety, Excavation, Confined Space

Meetings, Site Inspections, Field Measurements, Quantity Estimates, Map & Plan Indexing, Documentation, Correspondence, Liaise w/ Support Personnel, O&M Oversight, Research, Project Cost Estimates, and ongoing Workshops:

Date/(H'rs): 7/(6.5); 8/(6.5); 9/(3.0); 12/(6.0); 14(6.0);
20/(6.5); 21/(6.5); 26/(6.5); 30/(7.5);

55 hours @ \$60.00 per hour

Total Due: \$3,300.00

F. Donahue
2/11/15

20154966
600052 -
530000

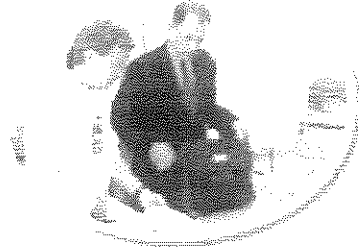
F. Thom Donahue, C.E., MBA

13-E Sea Breeze Lane
Nahant, Massachusetts 01908

781-710-3415 • thom.donahue2@verizon.net • www.linkedin.com/in/thomdonahue

March 2, 2015

City of Somerville
DPW Water Department
One Franey Road
Somerville, MA 02145



Invoice

For Professional Services Rendered per Contract #140315
February 1, 2015 – February 28, 2015

- MA Licensed 4D Drinking Water System Operator
- MA Licensed Construction Supervisor
- MA Certified Supervising Civil Engineer VI
- OSHA Certified: Construction Safety, Excavation, Confined Space

Meetings, Site Inspections, Field Measurements, Quantity Estimates, Map & Plan Indexing, Documentation, Correspondence, Liaise w/ Support Personnel, O&M Oversight, Research, Project Cost Estimates, and ongoing Workshops:

Date/(H'rs): 5/(1); 6/(7); 11/(8.0); 18/(8.0); 26(8.0)

32 hours @ \$60.00 per hour

Total Due: \$1,920.00

F. Thom Donahue
3/3/14

F. Thom Donahue, C.E., MBA

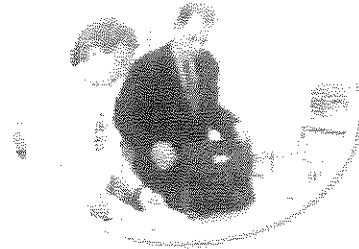
13-E Sea Breeze Lane

Nahant, Massachusetts 01908

781-710-3415 • thom.donahue2@verizon.net • www.linkedin.com/in/thomdonahue

April 2, 2015

City of Somerville
DPW Water Department
One Franey Road
Somerville, MA 02145



Invoice

For Professional Services Rendered per Contract #140315

March 1, 2015 – March 31, 2015

- MA Licensed 4D Drinking Water System Operator
- MA Licensed Construction Supervisor
- MA Certified Supervising Civil Engineer VI
- OSHA Certified: Construction Safety, Excavation, Confined Space

Meetings, Site Inspections, Field Measurements, Quantity Estimates, Map & Plan Indexing, Documentation, Correspondence, Liaise w/ Support Personnel, O&M Oversight, Research, Project Cost Estimates, and ongoing Workshops:

Date/(H'rs): 3rd/(6); 5th/(3); 12th/(8); 20th/(8); 25th/(8);
26th/(3.5); 31st/(1):

37.5 hours @ \$60.00 per hour

Total Due: \$2,250.00

F. Donahue
4/3/15

20154966
600052 - 530000

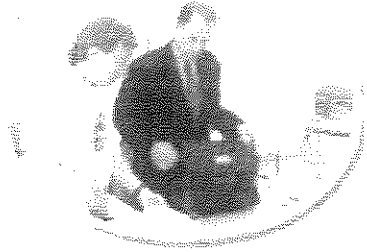
20154966
600052 -530000

F. Thom Donahue, C.E., MBA

13-E Sea Breeze Lane
Nahant, Massachusetts 01908
781-710-3415 • thom.donahue2@verizon.net • www.linkedin.com/in/thomdonahue

May 4, 2015

City of Somerville
DPW Water Department
One Franey Road
Somerville, MA 02145



Invoice

For Professional Services Rendered per Contract #140315
April 1, 2015 – April 30, 2015

- MA Licensed 4D Drinking Water System Operator
- MA Licensed Construction Supervisor
- MA Certified Supervising Civil Engineer VI
- OSHA Certified: Construction Safety, Excavation, Confined Space

Meetings, Site Inspections, Field Measurements, Quantity Estimates, Map & Plan Indexing, Documentation, Correspondence, Liaise w/ Support Personnel, O&M Oversight, Research, Project Cost Estimates, and ongoing Workshops:

Date/(H'rs): 3rd/(8); 9th/(8); 16th/(8.5); 21st/(1); 23rd/(3);
24th/(6); 27th/(5.5); 30th/(6)

46 hours @ \$60.00 per hour

Total Due: \$2,760.00

F. Thom Donahue
5/26/15

F. Thom Donahue, C.E., MBA

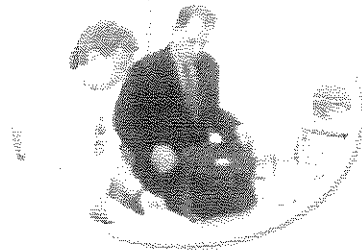
13-E Sea Breeze Lane

Nahant, Massachusetts 01908

781-710-3415 • thom.donahue2@verizon.net • www.linkedin.com/in/thomdonahue

June 5, 2015

City of Somerville
DPW Water Department
One Franey Road
Somerville, MA 02145



Invoice

For Professional Services Rendered per Contract #140315

May 1, 2015 – May 31, 2015

- MA Licensed 4D Drinking Water System Operator
- MA Licensed Construction Supervisor
- MA Certified Supervising Civil Engineer VI
- OSHA Certified: Construction Safety, Excavation, Confined Space

Meetings, Site Inspections, Field Measurements, Quantity Estimates, Map & Plan Indexing, Documentation, Correspondence, Liaise w/ Support Personnel, O&M Oversight, Research, Project Cost Estimates, and ongoing Workshops:

Date/(H'rs): 4th/(1); 5th/(5); 8th/(4); 11th/(3); 13th/(3);
14th/(5.5); 21st/(8); 26th/(4) 29th/(4.5)

38 hours @ \$60.00 per hour

Total Due: \$2,280.00

20154966
F. Thom Donahue
6/5/15

Exempt
Professional Services Agreement
By And Between
The City Of Somerville
Acting Through Its Purchasing Department
And
TBA Architects, Inc.

For: Capital Projects and Planning Department

Contract # 140165

Contract Not-to-Exceed Amount \$12,500.00

Purchase Order # 20143080

P.O. Amount \$ 12,500.00

Contract Period: 10/15/2013 – 10/14/2014
Completion of scope: 11/30/2013

Contract For: Architectural & Engineering Services – Prospect
Hill Tower Stabilization

Vendor: TBA Architects, Inc.
43 Bradford Street, Suite 300
Concord, MA 01742

Contact: M. Russel Feldman, AIA
Principal
(781) 893-5828 direct
(617) 429-5033 mobile
rfeldman@tbaarchitects.com

ACCORDING TO SPECIFICATIONS CONTAINED HEREIN

TBA ARCHITECTS INC.
43 Bradford Street
Suite 300
Concord, MA 01742
(781) 893-5828

✓

BILL TO:

Edward M. Nuzzo, Project Manager
City of Somerville
Dept. of Capital Projects and Planning
1 Franey Road
Somerville, MA 02145

INVOICE #: 11467
INVOICE DATE: 7/16/14
P.O. # 20143080

PROJECT: 1210.1-Prospect Hill Tower Stabilization

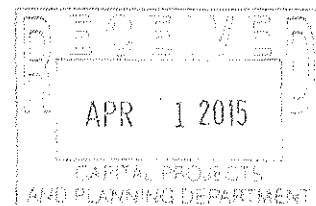
SERVICES RENDERED

Fixed Fee Contract for Prospect Hill Memorial Tower Stabilization
Phase I; Design thru Construction phase services provided by TBA
Architects, Inc. Original Scope & Extended Scope

	FEE	PRIOR %	CURRENT %	TOTAL %	TOTAL DUE
Task 1-Design Phase	14,840.00		45.00%	45.00%	6,678.00
Task 2-Bid Phase	1,000.00		0.00%	0.00%	0.00
Task 3-Construction Phase	11,610.00		0.00%	0.00%	0.00

Total Due On This Invoice **\$6,678.00**

Remit Payment To:
TBA Architects, Inc.
43 Bradford Street
Suite 300
Concord, MA 01742



TBA ARCHITECTS INC.
 43 Bradford Street
 Suite 300
 Concord, MA 01742
 (781) 893-5828

BILL TO:

Edward M. Nuzzo, Project Manager
 City of Somerville
 Dept. of Capital Projects and Planning
 1 Franey Road
 Somerville, MA 02145

INVOICE #: 11600
 INVOICE DATE: 4/30/15
 P.O. # 20143080

PROJECT: 1210.1-Prospect Hill Tower Stabilization

SERVICES RENDERED	FEE	PRIOR %	CURRENT %	TOTAL %	TOTAL DUE
Fixed Fee Contract for Prospect Hill Memorial Tower Stabilization Phase I; Design thru Construction phase services provided by TBA Architects, Inc. Original Scope & Extended Scope	14,840.00	45.00%	55.00%	100.00%	8,162.00
Task 1-Design Phase	1,000.00		50.00%	50.00%	500.00
Task 2-Bid Phase	11,610.00		0.00%	0.00%	0.00
Task 3-Construction Phase					

Total Due On This Invoice

\$8,662.00

Remit Payment To:
 TBA Architects, Inc.
 43 Bradford Street
 Suite 300
 Concord, MA 01742

CONTRACT
BY AND BETWEEN
THE CITY OF SOMERVILLE ACTING THROUGH
THE PURCHASING DEPARTMENT
AND
CDR MAGUIRE

Contract No.: 120170R2

P.O. No.: N/A

P.O. Amount: \$ N/A

Bid No.: RFQF 11-58

Not to Exceed: \$300,000

Contract Period: 2/4/2013 to 7/31/2013
(With one remaining one-year option to renew)

Contract For: House Doctor Agreement for Architectural & Engineering Services

Vendor: CDR Maguire
211 Congress Street, 11th Floor
Boston, MA 02110

Contact: Anthony J. DiLuzio
Anthony.diluzio@cdrmaguire.com
617-778-1440 ext. 469 direct
774-262-2770 cell

ACCORDING TO THE SPECIFICATIONS CONTAINED HEREIN.

NOTICE OF APPENDIX #A-7
TO DESIGN PROFESSIONAL BY AUTHORIZED OFFICIAL
PURSUANT TO CONTRACT #120170R2-3
BETWEEN THE CITY OF SOMERVILLE, ACTING BY AND THROUGH THE
CAPITAL PROJECTS & PLANNING DEPARTMENT

This Notice is made this 3rd day of April, 2015, by and between the City of Somerville, acting by and through the *CAPITAL PROJECTS & PLANNING DEPARTMENT*, (the "City"), with offices at One Franey Road, Somerville, Massachusetts 02145 and the following Vendor ("Vendor"):

CDR Maguire
2 Granite Avenue, Suite 150
Milton, Massachusetts 02186
Phone: 617.778.1440 ext. 469 and 464
Fax: 617.348.2143

Whereas, the City OF SOMERVILLE ("Owner") and CDR Maguire have entered into a Contract for Professional Architectural/Engineering Services in various municipal buildings on an as-needed basis.

Whereas, the Vendor is currently performing architectural and engineering services under the original scope, including *but not limited to* the scope related to the Somerville High School Auditorium, Kitchen and Cafeteria as outlined in Notice A-1 of Contract #120170R2-3.

Whereas, the Vendor and the Owner have identified and agreed to the need for the Vendor to continue working on this project in order to fulfill the original scope.

Now, Therefore, in consideration of the mutual covenants contained herein, the City and the Vendor mutually covenant and agree that the Contract shall be amended as follows:

1. **Scope of Work:** No change from previous notices or amendments executed under this overall agreement.
2. **Time:** The performance period for the work to be completed by the Vendor has been extended to July 31, 2015.
3. **Price:** No change.

Design Professional shall submit one invoice when the scope of work and deliverables are complete to the satisfaction of the City.

4. **Other:**

Personnel assigned to the attached scope of services are as indicated in previous amendments or notices for this work. Note that hourly rates correspond to the fees listed on the RFQF Price Submission Form (see Appendix).

5. **Insurance** - Concurrent with the execution of this Amendment, the Vendor shall deposit with the City new policies or certificates of insurance, in form and substance satisfactory to the City, for any (i) additional insurance coverage required by this Amendment or (ii) existing insurance coverage about to expire.



CITY OF SOMERVILLE, MASSACHUSETTS
BOARD OF ALDERMEN

January 22, 2015

SUMMARY

Mayor's Request #198345 Requesting approval to extend a House Doctor Contract (#120170R2) with CDR Maguire until July 31, 2015.

COMPLETE TEXT

To the Honorable Board:

On October 11, 2011, the City of Somerville entered into a House Doctor contract with CDR Maguire. This was a three-year contract with one-year options to extend for the second and third years. As of July 31, 2014 this contract had expired. We previously requested and received a six-month extension that will expire on January 31, 2015. We are respectfully requesting one additional six month extension to complete outstanding projects initiated with this firm.

According to Section 2-369 of the Somerville Code, we may not award or extend any contract term beyond three years without the BOA Approval.

Thank you for your attention to this request.

Respectfully Submitted,

Joseph A. Curtatone, Mayor

RESULT

RESULT: APPROVED



CDR INSURANCE

CDR Maguire
225 Chapman Street
Providence, RI 02905
Telephone: 401-437-6620
Fax: 401-467-1053

Invoice

Please Remit to:
CDR Maguire Inc.
225 Chapman Street
Providence, RI 02905
Phone: 401-437-6620

City of Somerville, MA.
Capital Projects and Planning Department
1 Franey Road
Somerville, MA 02145

January 14, 2015
Project No: 19431.07
Invoice No: 5

Project 19431.07 Somerville Engine 7 Roof Replacement

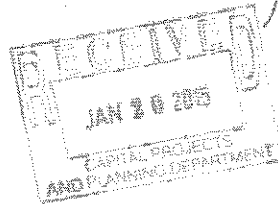
P.O. # 20143293-00

For Professional Services rendered thru January 02, 2015

Fee

Billing Phase	Fee	Percent Complete	Total Billed	Previous Fee Billing	Current Fee Billing
Contract Documents	5,040.00	100.00	5,040.00	5,040.00	0.00
Bidding	840.00	100.00	840.00	336.00	504.00
Construction Administration	1,680.00	0.00	0.00	0.00	0.00
Project Closeout	840.00	0.00	0.00	0.00	0.00
Total Fee	8,400.00		5,880.00	5,376.00	504.00
Total Fee					504.00
TOTAL THIS INVOICE					\$504.00

OK to pay
[Signature]
2/12/15



DUE AND PAYABLE UPON RECEIPT



CDR MAGUIRE

CDR Maguire
225 Chapman Street
Providence, RI 02905
Telephone: 401-437-5620
Fax: 401-467-1053

Invoice

Please Remit to:
CDR Maguire Inc.
8663 NW 26 Street
Suite 340
Doral, Florida 33166

City of Somerville, MA.
8 Bonair Street
Somerville, MA 02143

February 09, 2015
Project No: 19431.06
Invoice No: 6

Project 19431.06 Somerville Engine 3 Living Quarters
P.O. # 20146037-00
For Professional Services rendered thru January 30, 2015

Billing Phase	Fee	Percent Complete	Total Billed	Previous Fee Billing	Current Fee Billing
Field Investigations/Base Drawings	5,820.00	100.00	5,820.00	5,820.00	0.00
Contract Documents	32,010.00	100.00	32,010.00	32,010.00	0.00
Bidding	2,910.00	100.00	2,910.00	2,919.00	291.00
Construction Administration	14,550.00	0.00	0.00	0.00	0.00
Project Closeout	2,910.00	0.00	0.00	0.00	0.00
Total Fee	58,200.00		40,740.00	40,449.00	291.00
Total Fee					291.00
TOTAL THIS INVOICE					\$291.00

Handwritten signature and date: 3/2/15



DUE AND PAYABLE UPON RECEIPT



CDR MAGUIRE

CDR Maguire
226 Chapman Street
Providence, RI 02905
Telephone: 401-437-5620
Fax: 401-467-1053

Invoice

City of Somerville, MA
Capital Projects and Planning Department
1 Franey Road
Somerville, MA 02145

Please Remit to:
CDR Maguire Inc.
9688 NW 36 Street
Suite 300
Doral, Florida 33166

February 23, 2016
Project No: 19431.01
Invoice No: 1A

Project 19431.01 High School Auditorium Repairs
P.O. #20151166-00

For Professional Services rendered thru February 23, 2016

Task	6000	Hub Testing		
Fee				
Total Fee	42,126.00			
Percent Complete	100.00	Total Earned	42,126.00	
		Previous Fee Billing	0.00	
		Current Fee Billing	42,126.00	
		Total Fee		42,126.00
		Total this Task		\$42,126.00
		TOTAL THIS INVOICE		\$42,126.00

DUE AND PAYABLE UPON RECEIPT

PURCHASING COPY

PURCHASING CONTRACT#: 08-097

AMENDMENT #: 9

PURCHASE ORDER #:

AMOUNT OF AMENDMENT: Time-only Extension

CONTRACT AMOUNT: \$3,079,116.37

ISSUING DEPT: Capital Projects & Planning

DIVISION: N/A

CONTRACT PERIOD: 2/1/08 – 5/29/15

CITY OF SOMERVILLE

CAPITAL PROJECTS AND PLANNING DEPARTMENT

CONTRACT

With CDR Maguire, Inc.

for Architectural Services Related to the Construction of the East Somerville Community School

ACCORDING TO SPECIFICATIONS CONTAINED HEREIN

No 2015 invoices



CITY OF SOMERVILLE, MASSACHUSETTS
BOARD OF ALDERMEN

March 12, 2015

SUMMARY

Mayor's Request
#198545

Requesting a contract extension for CDR Maguire through May 29, 2015, for engineering services for the East Somerville Community School.

COMPLETE TEXT

Dear Honorable Board:

In 2008, CDR Maguire, Inc. And the City of Somerville entered into Contract #08-097 for architectural and engineering services related to the fire damaged East Somerville Community School (ESCS).

The City is waiting for our LEED review to be completed prior to processing the final close-out invoices.

At this time, I request your approval, in accordance with §2-369 of the Somerville Code, to extend Contract #08-097 to May 29, 2015 for final payment and close out.

Thank you for your consideration.

Joseph A. Curtatone
Mayor

RESULT

RESULT: APPROVED

PURCHASING COPY

07-056
PURCHASING CONTRACT #

7
AMENDMENT #

\$3,271,780.25
CONTRACT AMOUNT

N/A
PURCHASE ORDER # & AMOUNT

OSPCD Economic Development
ISSUING DEPARTMENT

10/14/2012 to 10/31/2015
CONTRACT PERIOD

**CITY OF SOMERVILLE
OFFICE OF STRATEGIC PLANNING AND COMMUNITY DEVELOPMENT**

CONTRACT

For: Licensed Site Professional and Environmental Engineering Services for
Kiley Barrel Cleanup Project

With: TRC Environmental Corporation
Wannalancit Mills
650 Suffolk Street
Lowell, MA 01854

Project Contact: N. Scott Buchanan
978-656-3518
Sbuchanan@tresolutions.com



CITY OF SOMERVILLE, MASSACHUSETTS
BOARD OF ALDERMEN

Docket # 196417

Mayor's Request
Contract

Regular Meeting, March 27, 2014
Item ID 8952

SUMMARY: Requesting approval to extend a contract with TRC to October 31, 2015, for the cleanup of the Kiley Barrel site..

COMPLETE TEXT:

To the Honorable Board:

I respectfully request that your Board vote to approve the extension of a contract with TRC, environmental consulting, to October 31st, 2015.

This contract extension would allow the City of Somerville to proceed with the necessary clean-up of the Kiley Barrel Site in Union Square. This extension will not require additional appropriations.

My staff will be available to answer any questions you may have.

Respectfully submitted,

Joseph A. Curtatone
Mayor

RESULT: APPROVED

APPROVED BY THE BOARD OF ALDERMEN OF THE CITY OF SOMERVILLE, MA, AT
A REGULAR MEETING ON THE 27th DAY OF MARCH, 2014.

APPROVED BY THE MAYOR OF THE CITY OF SOMERVILLE, MA, ON THE 1st DAY
OF APRIL, 2014.

ATTEST:

John J. Long, City Clerk



Wannalancit Mills
650 Suffolk Street
Lowell, MA 01854

978.970.5600 PHONE
978.453.1995 FAX

www.TRCSolutions.com

TRC Reference Number 196378

March 16, 2015

Amanda Maher
City of Somerville, City Hall
93 Highland Avenue
Somerville, MA 02143

**Subject: Invoice for Soil Excavation Oversight Period Ending January 2, 2015
For Charges under PO: 20146154, 20147165 and 20147166
City of Somerville Kiley Barrel Cleanup Project**

Dear Ms. Maher,

Enclosed please find the invoice for the above-listed period for work included under the following Purchase Orders 20146154, 20147165 and 20147166. Activities performed during this period are described below by PO.

OK to pay

PO 20146154 (MassDevelopment Funds)

Invoice #145960

\$ 48,734.93

Costs to conduct Laboratory analytical costs for environmental oversight of cleanup activities.

OK to pay

PO 20147165 (Brownfields Grant BF96154001)

Invoice #145989

\$ 29,558.36

Phase - Clean up costs for 9 Milk Place (Account G1M9OQ00)
000001 Costs to conduct environmental oversight of cleanup activities.

Phase - Clean up costs for 14 Bennett Street (Account G1N1OQ00)
000002 Costs to conduct environmental oversight of cleanup activities including remedial injection.

Phase - Clean up costs for 20-22 Prospect Street (Account G1N2OQ00)
000003 Costs to conduct environmental oversight of cleanup activities.

OK to pay

PO 20147166 (Brownfields Grant BF96168401)

Invoice #145964

\$ 22,399.16

Phase - Clean up costs for 8 Bennett Street (Account G1Q2OQ00)
000001 Costs to conduct environmental oversight of cleanup activities.

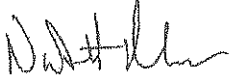
Phase - Clean up costs for 10 Milk Place (Account G1Q3OQ00)
000002 Costs to conduct environmental oversight of cleanup activities

- Amanda
x 2528

Phase Clean up costs for 264-266 Somerville Avenue (Account G1Q4OQ00)
000003 Costs to conduct environmental oversight of cleanup activities

Please feel free to contact me with any questions at 978-656-3518.

Sincerely,
TRC Environmental



N. Scott Buchanan.
Project Manager

Enclosures:

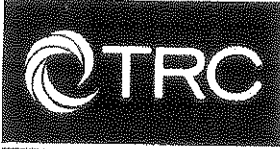
Invoices for project numbers:

Invoice #145960 for PO#20146154_MassDevelopment Funds

Invoice #145989 for PO#20147165 Brownfields Grant BF96154001

Invoice #145964 for PO#20147166 Brownfields Grant BF96168401





123 Technology Drive
Irvine, CA 92618
949-727-9336

INVOICE

PLEASE REMIT TO:
TRC Lockbox
P. O. Box 536282
Pittsburgh, PA 15253-5904

City of Somerville
City Hall
93 Highland Avenue
Somerville, MA 02143

March 16, 2015
Project No: 196378.2000.0000
Invoice No: 145960
Project Manager: Norman Buchanan

Project 196378.2000.0000 Kiley Barre! - Cleanup
Purchase Order # 20146154

This invoice is for Professional Environmental Consulting Services including soil excavation and disposal activities.

Professional Services through January 2, 2015

Phase 000001 MassDevelopment

Consultants

Reimb/Sub-Lab Costs

11/11/2014	Con-Test Analytical Laboratory	LABCOSTS	1,785.00	
11/11/2014	Con-Test Analytical Laboratory	LABCOSTS	1,750.00	
11/11/2014	Con-Test Analytical Laboratory	LABCOSTS	1,750.00	
11/11/2014	Con-Test Analytical Laboratory	LABCOSTS	1,487.50	
11/11/2014	Con-Test Analytical Laboratory	Groundwater Sampling Analytical	1,837.50	
11/12/2014	Con-Test Analytical Laboratory	LABCOSTS	525.00	
11/12/2014	Con-Test Analytical Laboratory	LABCOSTS	450.00	
12/16/2014	Con-Test Analytical Laboratory	LABCOSTS	130.50	
12/16/2014	Con-Test Analytical Laboratory	LABCOSTS	11,103.00	
12/16/2014	Con-Test Analytical Laboratory	LABCOSTS	10,177.75	
12/16/2014	Con-Test Analytical Laboratory	LABCOSTS	945.00	
12/16/2014	Con-Test Analytical Laboratory	LABCOSTS	612.50	
12/16/2014	Con-Test Analytical Laboratory	LABCOSTS	385.00	
12/16/2014	Con-Test Analytical Laboratory	LABCOSTS	367.50	
12/16/2014	Con-Test Analytical Laboratory	LABCOSTS	240.00	
12/16/2014	Con-Test Analytical Laboratory	LABCOSTS	1,755.50	
12/16/2014	Con-Test Analytical Laboratory	LABCOSTS	290.00	
12/16/2014	Con-Test Analytical Laboratory	LABCOSTS	173.13	
12/16/2014	Con-Test Analytical Laboratory	LABCOSTS	145.00	
12/16/2014	Con-Test Analytical Laboratory	LABCOSTS	4,438.52	
12/16/2014	Con-Test Analytical Laboratory	LABCOSTS	2,207.26	
12/16/2014	Con-Test Analytical Laboratory	LABCOSTS	800.00	
12/16/2014	Con-Test Analytical Laboratory	LABCOSTS	203.00	
12/16/2014	Con-Test Analytical Laboratory	LABCOSTS	400.00	
12/16/2014	Con-Test Analytical Laboratory	LABCOSTS	101.50	
12/16/2014	Con-Test Analytical Laboratory	LABCOSTS	1,486.50	
	Total Consultants			
		1.07 times	45,546.66	48,734.93

Please reference Project # and Invoice # on payment. Payment Terms – Net 30

Project	196378.2000.0000	Kiley Barrel - Cleanup	Invoice	145960
			Total this Phase	\$48,734.93
			Total this Invoice	\$48,734.93

Please reference Project # and Invoice # on payment. Payment Terms – Net 30



39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-8405 * TEL. 413/525-2332

INVOICE

TRCAP
INVOICE APPROVAL

OCT 28 2014

Invoice To:

Accounts Payable
TRC Environmental Corporation - Lowell
21 Griffin Road
Windsor, CT 06095

Invoice Number

14J1021

Remit To:

Accounts Receivable
Con-Test Analytical Laboratory
39 Spruce Street
East Longmeadow, MA 01028

PO Number

70199

Received

10/21/14

Project

Former Kiley Barrel Site - Somerville,
MA

Client

Scott Buchanan
TRC Environmental Corporation - Lowell

Terms

NET 30
A Service charge of 1.5% per month
will be added to delinquent accounts.

Project Number

196378.2000

Project Manager

Meghan E. Kelley

Work Order(s)

14J1021

Location

Somerville, MA

Quantity	Analysis/Description	Matrix	Price	%Surecharge	Unit Cost	Extended Cost
Con-Test Analytical Laboratory						
17	8082 Soxhlet [3 day]	Soil	\$70.00	50	\$105.00	\$1,785.00
Invoice Total:						\$1,785.00



39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL 413/525-2332

INVOICE

TRC AP
INVOICE APPROVAL

OCT 28 2014

Invoice To:
Accounts Payable
TRC Environmental Corporation - Lowell
21 Griffin Road
Windsor, CT 06095

Invoice Number
14J1022

Invoiced On:
10/27/14

Remit To:
Accounts Receivable
Con-Test Analytical Laboratory
39 Spruce Street
East Longmeadow, MA 01028

PQ Number
70199

Received
10/21/14

Project
Former Kiley Barrel Site - Somerville,
MA

Client
Scott Buchanan
TRC Environmental Corporation - Lowell

Terms
NET 30
A Service charge of 1.5% per month
will be added to delinquent accounts.

Project Number
196378.2000

Location
Somerville, MA

Project Manager
Meghan E. Kelley

Work Order(s)
14J1022

Quantity	Analysis/Description	Matrix	Price	%Surcharge	Unit Cost	Extended Cost
Con-Test Analytical Laboratory						
20	8082 Soxhlet [4 day]	Soil	\$70.00	25	\$87.50	\$1,750.00

Invoice Total: \$1,750.00



39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

INVOICE
 TRC AP
 INVOICE APPROVAL
 OCT 28 2014

Invoice To:

Accounts Payable
 TRC Environmental Corporation - Lowell
 21 Griffin Road
 Windsor, CT 06095

Invoice Number

14J1020

Remit To:

Accounts Receivable
 Con-Test Analytical Laboratory
 39 Spruce Street
 East Longmeadow, MA 01028

Invoiced On:

10/27/14

PO Number

70199

Received

10/21/14

Project

Former Kiley Barrel Site - Somerville,
 MA

Client

Scott Buchanan
 TRC Environmental Corporation - Lowell

Terms

NET 30
 A Service charge of 1.5% per month
 will be added to delinquent accounts.

Project Number

196378.2000

Project Manager

Meghan E. Kelley

Work Order(s)

14J1020

Location

Somerville, MA

Quantity	Analysis/Description	Matrix	Price	%Surecharge	Unit Cost	Extended Cost
Con-Test Analytical Laboratory						
20	8082 Soxhlet [4 day]	Soil	\$70.00	25	\$87.50	\$1,750.00

Invoice
 Total: \$1,750.00



39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-0405 * TEL. 413/525-2332

INVOICE
TRC AP
INVOICE APPROVAL

OCT 28 2014

Invoice To:
Accounts Payable
TRC Environmental Corporation - Lowell
21 Griffin Road
Windsor, CT 06095

Invoice Number
14J1023

Invoiced On:
10/27/14

Remit To:
Accounts Receivable
Con-Test Analytical Laboratory
39 Spruce Street
East Longmeadow, MA 01028

PO Number
70199

Received
10/21/14

Project
Former Kiley Barrel Site - Somerville,
MA

Client
Scott Buchanan
TRC Environmental Corporation - Lowell

Terms
NET 30
A Service charge of 1.5% per month
will be added to delinquent accounts.

Project Number
196378.2000

Location
Somerville, MA

Project Manager
Meghan E. Kelley

Work Order(s)
14J1023

Quantity	Analysis/Description	Matrix	Price	%Surcharge	Unit Cost	Extended Cost
Con-Test Analytical Laboratory						
17	8082 Soxhlet [4 day]	Soil	\$70.00	25	\$87.50	\$1,487.50

Invoice
Total: \$1,487.50

TRC AP
INVOICE APPROVAL

NOV 05 2014



INVOICE

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/626-6405 * TEL. 413/626-2332

Invoice To:
Accounts Payable
TRC Environmental Corporation - Lowell
21 Griffin Road
Windsor, CT 06095

Invoice Number
14J1350

Remit To:
Accounts Receivable
Con-Test Analytical Laboratory
39 Spruce Street
East Longmeadow, MA 01028

PO Number
70199

Received
10/28/14

Project
Former Kiley Barrel Site - Somerville,
MA

Client
Scott Buchanan
TRC Environmental Corporation - Lowell

Terms
NET 30
A Service charge of 1.5% per month
will be added to delinquent accounts.

Project Number
196378.2000

Project Manager
Meghan E. Kelley

Work Order(s)
14J1350

Location
Former Kiley Barrel Site -
Somerville, MA

Quantity	Analysis/Description	Matrix	Price	%Surcharge	Unit Cost	Extended Cost
6	8082 Soxhlet [4 day]	Soil	\$70.00	25	\$87.50	\$525.00
Invoice Total:						\$525.00



TRC AP
INVOICE APPROVAL

NOV 05 2014

INVOICE

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/526-6406 * TEL. 413/526-2332

Invoice To:
Accounts Payable
TRC Environmental Corporation - Lowell
21 Griffin Road
Windsor, CT 06095

Invoice Number
14J1259

Invoiced On:
10/29/14

Remit To:
Accounts Receivable
Con-Test Analytical Laboratory
39 Spruce Street
East Longmeadow, MA 01028

PO Number
70199

Received
10/24/14

Project
Former Kiley Barrel Site - Somerville,
MA

Client
Scott Buchanan
TRC Environmental Corporation - Lowell

Terms
NET 30
A Service charge of 1.5% per month
will be added to delinquent accounts.

Project Number
196378.2000
Location
Somerville, MA

Project Manager
Meghan E. Kelley

Work Order(s)
14J1259

Quantity	Analysis/Description	Matrix	Price	%Surcharge	Unit Cost	Extended Cost
Con-Test Analytical Laboratory						
2	RCRA 8 6010 Total [3 day]	Product/Sc	\$80.00	50	\$120.00	\$240.00
2	8082 [3 day]	Product/Sc	\$70.00	50	\$105.00	\$210.00
						Invoice Total: \$450.00



TRC AP
INVOICE APPROVAL

NOV 07 2014

INVOICE

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Invoice To:

Accounts Payable
TRC Environmental Corporation - Lowell
21 Griffin Road
Windsor, CT 06095

Invoice Number

14J0722

Remit To:

Accounts Receivable
Con-Test Analytical Laboratory
39 Spruce Street
East Longmeadow, MA 01028

Invoiced On:

10/22/14

PO Number

70199

Received

10/15/14

Project

Former Kiley Barrel Site - Somerville,
MA

Client

Scott Buchanan
TRC Environmental Corporation - Lowell

Terms

NET 30
A Service charge of 1.5% per month
will be added to delinquent accounts.

Project Number

196378.2000

Location

Somerville, MA

Project Manager

Meghan E. Kelley

Work Order(s)

14J0722

Quantity	Analysis/Description	Matrix	Price	%Surcharge	Unit Cost	Extended Cost
Con-Test Analytical Laboratory						
1	8081 TCLP [5 day]	Soil	\$80.50	0	\$80.50	\$80.50
1	1311 TCLP EXT [5 day]	Soil	\$50.00	0	\$50.00	\$50.00

Invoice
Total: \$130.50



09/02/14

INVOICE

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Invoice To:
 Accounts Payable
 TRC Environmental Corporation - Lowell
 21 Griffin Road
 Windsor, CT 06095

Invoice Number
 14H1025

Invoiced On:
 09/02/14

Remit To:
 Accounts Receivable
 Con-Test Analytical Laboratory
 39 Spruce Street
 East Longmeadow, MA 01028

PO Number
 70199

Received
 08/21/14

Project
 Former Kiley Barrel Site - Somerville,
 MA

Client
 Scott Buchanan
 TRC Environmental Corporation - Lowell

Terms
 NET 30
 A Service charge of 1.5% per month
 will be added to delinquent accounts.

Project Number
 196378.2000

Location
 Somerville, MA

Project Manager
 Meghan E. Kelley

Work Order(s)
 14H1025

Quantity	Analysis/Description	Matrix	Price	%Surcharge	Unit Cost	Extended Cost
Con-Test Analytical Laboratory						
12	Reactive Sulfide by SW846 9030A [7 day]	Soil	\$32.50	0	\$32.50	\$390.00
12	Reactive Cyanide by SW846 9014 [7 day]	Soil	\$32.50	0	\$32.50	\$390.00
12	RCRA 8 6010 Total [7 day]	Soil	\$140.00	0	\$140.00	\$1,680.00
12	pH by SW846 9045C solid [7 day]	Soil	\$12.00	0	\$12.00	\$144.00
12	Ignitability by SW846 1030 [7 day]	Soil	\$25.00	0	\$25.00	\$300.00
12	8270 MA MCP [7 day]	Soil	\$247.50	0	\$247.50	\$2,970.00
12	8260 MA MCP [7 day]	Soil	\$97.75	0	\$97.75	\$1,173.00
12	8151 MA - full list [7 day]	Soil	\$200.00	0	\$200.00	\$2,400.00
12	8082 [7 day]	Soil	\$57.50	0	\$57.50	\$690.00
12	8081 MA MCP [7 day]	Soil	\$80.50	0	\$80.50	\$966.00

Invoice Total: \$11,103.00



39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-8405 * TEL. 413/525-2332

INVOICE
TRC AP
INVOICE APPROVAL

OCT 28 2014

Invoice To:
Accounts Payable
TRC Environmental Corporation - Lowell
21 Griffin Road
Windsor, CT 06095

Invoice Number
14J0764

Remit To:
Accounts Receivable
Con-Test Analytical Laboratory
39 Spruce Street
East Longmeadow, MA 01028

Invoiced On:
10/24/14

PO Number
70199

Received
10/15/14

Project
Former Kiley Barrel Site - Somerville,
MA

Client
Scott Buchanan
TRC Environmental Corporation - Lowell

Terms
NET 30
A Service charge of 1.5% per month
will be added to delinquent accounts.

Project Number
196378.2000

Project Manager
Meghan E. Kelley

Work Order(s)
14J0764

Location
Kiley Barrel, Somerville, MA

Quantity	Analysis/Description	Matrix	Price	%Surcharge	Unit Cost	Extended Cost
Con-Test Analytical Laboratory						
11	Reactive Sulfide by SW846 9030A [7 day]	Soil	\$32.50	0	\$32.50	\$357.50
11	Reactive Cyanide by SW846 9014 [7 day]	Soil	\$32.50	0	\$32.50	\$357.50
11	RCRA 8 6010 Total [7 day]	Soil	\$140.00	0	\$140.00	\$1,540.00
11	pH by SW846 9045C solid [7 day]	Soil	\$12.00	0	\$12.00	\$132.00
11	Ignitability by SW846 1030 [7 day]	Soil	\$25.00	0	\$25.00	\$275.00
11	8270 MA MCP [7 day]	Soil	\$247.50	0	\$247.50	\$2,722.50
11	8260 MA MCP [7 day]	Soil	\$97.75	0	\$97.75	\$1,075.25
11	8151 MA - full list [7 day]	Soil	\$200.00	0	\$200.00	\$2,200.00
11	8082 [7 day]	Soil	\$57.50	0	\$57.50	\$632.50
11	8081 MA MCP [7 day]	Soil	\$80.50	0	\$80.50	\$885.50

Invoice Total: \$10,177.75



TRC AP
 INVOICE APPROVAL
 NOV 10 2014

INVOICE

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL, 413/525-2332

Invoice To:
 Accounts Payable
 TRC Environmental Corporation - Lowell
 21 Griffin Road
 Windsor, CT 06095

Invoice Number
 14J1483

Invoiced On:
 11/04/14

Remit To:
 Accounts Receivable
 Con-Test Analytical Laboratory
 39 Spruce Street
 East Longmeadow, MA 01028

PO Number
 70199

Received
 10/30/14

Project
 Former Kiley Barrel Site - Somerville,
 MA

Client
 Scott Buchanan
 TRC Environmental Corporation - Lowell

Terms
 NET 30
 A Service charge of 1.5% per month
 will be added to delinquent accounts.

Project Number
 196378.2000

Project Manager
 Meghan E. Kelley

Work Order(s)
 14J1483

Location
 Former Kiley Barrel Site -
 Somerville, MA

Quantity	Analysis/Description	Matrix	Price	%Surcharge	Unit Cost	Extended Cost
Con-Test Analytical Laboratory						
9	8082 Soxhlet [3 day]	Soil	\$70.00	50	\$105.00	\$945.00

Invoice Total: \$945.00

TRC AP
INVOICE APPROVAL

NOV 10 2014



INVOICE

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6406 * TEL. 413/525-2332

Invoice To:

Accounts Payable
TRC Environmental Corporation - Lowell
21 Griffin Road
Windsor, CT 06095

Invoice Number

14K0061

Remit To:

Accounts Receivable
Con-Test Analytical Laboratory
39 Spruce Street
East Longmeadow, MA 01028

Invoiced On:

11/05/14

PO Number

70199

Received

11/03/14

Project

Former Kiley Barrel Site - Somerville,
MA

Client

Scott Buchanan
TRC Environmental Corporation - Lowell

Terms

NET 30
A Service charge of 1.5% per month
will be added to delinquent accounts.

Project Number

196378.2000.000

Project Manager

Meghan E. Kelley

Work Order(s)

14K0061

Location

Somerville, MA

Quantity	Analysis/Description	Matrix	Price	%Surcharge	Unit Cost	Extended Cost
Con-Test Analytical Laboratory						
5	8082 Soxhlet [2 day]	Soil	\$70.00	75	\$122.50	\$612.50

Invoice
Total: \$612.50



TRC AP
INVOICE APPROVAL

INVOICE

NOV 10 2014

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Invoice To:
Accounts Payable
TRC Environmental Corporation - Lowell
21 Griffin Road
Windsor, CT 06095

Invoice Number
14K0125

Invoiced On:
11/06/14

Remit To:
Accounts Receivable
Con-Test Analytical Laboratory
39 Spruce Street
East Longmeadow, MA 01028

PO Number
70199

Received
11/04/14

Project
Former Kiley Barrel Site - Somerville,
MA

Client
Scott Buchanan
TRC Environmental Corporation - Lowell

Terms
NET 30
A Service charge of 1.5% per month
will be added to delinquent accounts.

Project Number
196378.2000

Project Manager
Meghan E. Kelley

Work Order(s)
14K0125

Location
Former Kiley Barrel Site -
Somerville, MA

Quantity	Analysis/Description	Matrix	Price	%Surcharge	Unit Cost	Extended Cost
Con-Test Analytical Laboratory						
1	RCRA 8 6010 Total [2 day]	Product/Sc	\$80.00	75	\$140.00	\$140.00
1	8082 [2 day]	Water	\$70.00	75	\$122.50	\$122.50
1	8082 [2 day]	Product/Sc	\$70.00	75	\$122.50	\$122.50

Invoice Total: \$385.00



INVOICE

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6406 * TEL 413/525-2332

Invoice To:
 Accounts Payable
 TRC Environmental Corporation - Lowell
 21 Griffin Road
 Windsor, CT 06095

Invoice Number
 14K0192

Invoiced On:
 11/07/14

Remit To:
 Accounts Receivable
 Con-Test Analytical Laboratory
 39 Spruce Street
 East Longmeadow, MA 01028

PO Number
 70199

Received
 11/05/14

Project
 Former Kiley Barrel Site - Somerville,
 MA

Client
 Scott Buchanan
 TRC Environmental Corporation - Lowell

Terms
 NET 30
 A Service charge of 1.5% per month
 will be added to delinquent accounts

Project Number
 196378.2000.000

**TRCAP
 INVOICE APPROVAL**

Project Manager
 Meghan E. Kelley

Work Order(s)
 14K0192

Location
 Former Kiley Barrel Site -
 Somerville, MA

NOV 18 2014

Quantity	Analysis/Description	Matrix	Price	%Surcharge	Unit Cost	Extended Cost
Con-Test Analytical Laboratory						
3	8082 Soxhlet [2 day]	Soil	\$70.00	75	\$122.50	\$367.50

Invoice Total: \$367.50



INVOICE

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Invoice To:
 Accounts Payable
 TRC Environmental Corporation - Lowell
 21 Griffin Road
 Windsor, CT 06095

Invoice Number
 14K0407

Invoiced On:
 11/17/14

Remit To:
 Accounts Receivable
 Con-Test Analytical Laboratory
 39 Spruce Street
 East Longmeadow, MA 01028

PO Number
 70199

Received
 11/10/14

Project
 Former Kiley Barrel Site - Somerville,
 MA

Client
 Scott Buchanan
 TRC Environmental Corporation - Lowell

Terms
 NET 30
 A Service charge of 1.5% per month
 will be added to delinquent accounts.

Project Number
 196378.2000

**TRC AP
 INVOICE APPROVAL
 NOV 19 2014**

Location
 Kiley Barrel, Somerville, MA

Project Manager
 Meghan E. Kelley

Work Order(s)
 14K0407

Quantity	Analysis/Description	Matrix	Price	%Surcharge	Unit Cost	Extended Cost
Con-Test Analytical Laboratory						
4	Lead 6010 TCLP [5 day]	Soil	\$8.00	0	\$8.00	\$32.00
1	Chromium 6010 TCLP [5 day]	Soil	\$8.00	0	\$8.00	\$8.00
4	1311 TCLP EXT [5 day]	Soil	\$50.00	0	\$50.00	\$200.00

Invoice Total: \$240.00



INVOICE

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Invoice To:

Accounts Payable
TRC Environmental Corporation - Lowell
21 Griffin Road
Windsor, CT 06095

Invoice Number

14K0193

Remit To:

Accounts Receivable
Con-Test Analytical Laboratory
39 Spruce Street
East Longmeadow, MA 01028

Invoiced On:

11/17/14

PO Number

70199

Received

11/05/14

Project

Former Kiley Barrel Site - Somerville,
MA

Client

Scott Buchanan
TRC Environmental Corporation - Lowell

Terms

NET 30
A Service charge of 1.5% per month
will be added to delinquent accounts.

Project Number

196378.2000

Location

Former Kiley Barrel Site -
Somerville, MA

**TRC AP
INVOICE APPROVAL**

NOV 19 2014

Project Manager

Meghan E. Kelley

Work Order(s)

14K0193

Quantity	Analysis/Description	Matrix	Price	%Surcharge	Unit Cost	Extended Cost
Con-Test Analytical Laboratory						
2	Reactive Sulfide by SW846 9030A [7 day]	Soil	\$32.50	0	\$32.50	\$65.00
2	Reactive Cyanide by SW846 9014 [7 day]	Soil	\$32.50	0	\$32.50	\$65.00
2	RCRA 8 6010 Total [7 day]	Soil	\$80.00	0	\$80.00	\$160.00
2	pH by SW846 9045C solid [7 day]	Soil	\$12.00	0	\$12.00	\$24.00
2	Ignitability by SW846 1030 [7 day]	Soil	\$25.00	0	\$25.00	\$50.00
2	8270 MA MCP [7 day]	Soil	\$247.50	0	\$247.50	\$495.00
2	8260 MA MCP [7 day]	Soil	\$97.75	0	\$97.75	\$195.50
2	8151 MA - full list [7 day]	Soil	\$200.00	0	\$200.00	\$400.00
2	8082 [7 day]	Soil	\$70.00	0	\$70.00	\$140.00
2	8081 MA MCP [7 day]	Soil	\$80.50	0	\$80.50	\$161.00

Invoice Total: \$1,755.50



INVOICE

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-8405 * TEL. 413/525-2332

Invoice To:
 Accounts Payable
 TRC Environmental Corporation - Lowell
 21 Griffin Road
 Windsor, CT 06095

Invoice Number:
 14K0414

Remit To:
 Accounts Receivable
 Con-Test Analytical Laboratory
 39 Spruce Street
 East Longmeadow, MA 01028

Invoiced On:
 11/17/14

PO Number
 70199

Received
 11/10/14

Project
 Former Kiley Barrel Site - Somerville,
 MA

Client
 Scott Buchanan
 TRC Environmental Corporation - Lowell

Terms
 NET 30
 A Service charge of 1.5% per month
 will be added to delinquent accounts.

Project Number
 196378.2000

**TRC AP
 INVOICE APPROVAL**

Location
 Kiley Barrel, Somerville, MA

NOV 19 2014

Project Manager
 Meghan E. Kelley

Work Order(s)
 14K0414

Quantity	Analysis/Description	Matrix	Price	%Surcharge	Unit Cost	Extended Cost
Con-Test Analytical Laboratory						
5	Lead 6010 TCLP [5 day]	Soil	\$8.00	0	\$8.00	\$40.00
5	1311 TCLP EXT [5 day]	Soil	\$50.00	0	\$50.00	\$250.00

Invoice Total: \$290.00



TRC AP
INVOICE APPROVAL

NOV 25 2014

INVOICE

38 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-8405 * TEL. 413/525-2332

Invoice To:
Accounts Payable
TRC Environmental Corporation - Lowell
21 Griffin Road
Windsor, CT 06095

Invoice Number
14K0817
Invoiced On:
11/24/14

Remit To:
Accounts Receivable
Con-Test Analytical Laboratory
39 Spruce Street
East Longmeadow, MA 01028

PO Number
70199

Received
11/18/14

Project
Former Kiley Barrel Site - Somerville,
MA

Client
Scott Buchanan
TRC Environmental Corporation - Lowell

Terms
NET 30
A Service charge of 1.5% per month
will be added to delinquent accounts.

Project Number
196378.2000

Project Manager
Meghan E. Kelley

Work Order(s)
14K0817

Location
Former Kiley Barrell Site -
Somerville, MA

Quantity	Analysis/Description	Matrix	Price	%Surcharge	Unit Cost	Extended Cost
Con-Test Analytical Laboratory						
1	Lead 6010 TCLP [4 day]	Soil	\$8.00	25	\$10.00	\$10.00
1	8081 TCLP [4 day]	Soil	\$80.50	25	\$100.63	\$100.63
1	1311 TCLP EXT [4 day]	Soil	\$50.00	25	\$62.50	\$62.50
Invoice Total:						\$173.13



TRC AP
INVOICE APPROVAL

NOV 25 2014

INVOICE

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-8405 * TEL. 413/525-2332

Invoice To:

Accounts Payable
TRC Environmental Corporation - Lowell
21 Griffin Road
Windsor, CT 06095

Invoice Number

14K0795

Remit To:

Accounts Receivable
Con-Test Analytical Laboratory
39 Spruce Street
East Longmeadow, MA 01028

Invoiced On:

11/24/14

PO Number

70199

Received

11/18/14

Project

Former Kiley Barrel Site - Somerville,
MA

Client

Scott Buchanan
TRC Environmental Corporation - Lowell

Terms

NET 30
A Service charge of 1.5% per month
will be added to delinquent accounts.

Project Number

196378.2000

Project Manager

Meghan E. Kelley

Work Order(s)

14K0795

Location

Former Kiley Barrel Site -
Somerville, MA

Quantity	Analysis/Description	Matrix	Price	%Surcharge	Unit Cost	Extended Cost
Con-Test Analytical Laboratory						
2	Lead 6010 TCLP [4 day]	Soil	\$8.00	25	\$10.00	\$20.00
2	1311 TCLP EXT [4 day]	Soil	\$50.00	25	\$62.50	\$125.00

Invoice
Total: **\$145.00**



TRC AP
INVOICE APPROVAL

NOV 25 2014

REVISED INVOICE

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/526-2332

Invoice To:

Accounts Payable
TRC Environmental Corporation - Lowell
21 Griffin Road
Windsor, CT 06095

Invoice Number:

14K0816

Remit To:

Accounts Receivable
Con-Test Analytical Laboratory
39 Spruce Street
East Longmeadow, MA 01028

Invoiced On:

11/21/14

PO Number

70199

Received

11/18/14

Project

Former Kiley Barrel Site - Somerville,
MA

Client

Scott Buchanan
TRC Environmental Corporation - Lowell

Terms

NET 30
A Service charge of 1.5% per month
will be added to delinquent accounts.

Project Number

196378.2000

Project Manager

Meghan E. Kelley

Work Order(s)

14K0816

Location

Former Kiley Barrel Site -
Somerville, MA

Quantity	Analysis/Description	Matrix	Price	%Surcharge	Unit Cost	Extended Cost
Con-Test Analytical Laboratory						
4	Reactive Sulfide by SW846 9030A [3 day]	Soil	\$32.50	50	\$48.75	\$195.00
4	Reactive Cyanide by SW846 9014 [3 day]	Soil	\$32.50	50	\$48.75	\$195.00
4	RCRA 8 6010 Total [3 day]	Soil	\$80.00	50	\$120.00	\$480.00
4	pH by SW846 9045C solid [3 day]	Soil	\$12.00	50	\$18.00	\$72.00
4	Lead 6010 TCLP [3 day]	Soil	\$8.00	50	\$12.00	\$48.00
4	Ignitability by SW846 1030 [3 day]	Soil	\$25.00	50	\$37.50	\$150.00
2	Cadmium 6010 TCLP [3 day]	Soil	\$8.00	50	\$12.00	\$24.00
4	8270 MA MCP [3 day]	Soil	\$247.50	50	\$371.25	\$1,485.00
4	8260 MA MCP [3 day]	Soil	\$97.75	50	\$146.63	\$586.52
4	8082 [3 day]	Soil	\$70.00	50	\$105.00	\$420.00
4	8081 MA MCP [3 day]	Soil	\$80.50	50	\$120.75	\$483.00
4	1311 TCLP EXT [3 day]	Soil	\$50.00	50	\$75.00	\$300.00

Invoice Total: \$4,438.52



39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

INVOICE
TRCAP
INVOICE APPROVAL

NOV 26 2014

Invoice To:
Accounts Payable
TRC Environmental Corporation - Lowell
21 Griffin Road
Windsor, CT 06095

Invoice Number
14K0920

Invoiced On:
11/25/14

Remit To:
Accounts Receivable
Con-Test Analytical Laboratory
39 Spruce Street
East Longmeadow, MA 01028

PO Number
70199

Received
11/20/14

Project
Former Kiley Barrel Site - Somerville,
MA

Client
Scott Buchanan
TRC Environmental Corporation - Lowell

Terms
NET 30
A Service charge of 1.5% per month
will be added to delinquent accounts.

Project Number
196378.2000

Project Manager
Meghan E. Kelley

Work Order(s)
14K0920

Location
Former Kiley Barrel Site -
Somerville, MA

Quantity	Analysis/Description	Matrix	Price	%Surcharge	Unit Cost	Extended Cost
Con-Test Analytical Laboratory						
2	Reactive Sulfide by SW846 9030A [3 day]	Soil	\$32.50	50	\$48.75	\$97.50
2	Reactive Cyanide by SW846 9014 [3 day]	Soil	\$32.50	50	\$48.75	\$97.50
2	RCRA 8 6010 Total [3 day]	Soil	\$80.00	50	\$120.00	\$240.00
2	pH by SW846 9045C solid [3 day]	Soil	\$12.00	50	\$18.00	\$36.00
2	Lead 6010 TCLP [3 day]	Soil	\$8.00	50	\$12.00	\$24.00
2	Ignitability by SW846 1030 [3 day]	Soil	\$25.00	50	\$37.50	\$75.00
2	8270 MA MCP [3 day]	Soil	\$247.50	50	\$371.25	\$742.50
2	8260 MA MCP [3 day]	Soil	\$97.75	50	\$146.63	\$293.26
2	8082 [3 day]	Soil	\$70.00	50	\$105.00	\$210.00
2	8081 MA MCP [3 day]	Soil	\$80.50	50	\$120.75	\$241.50
2	1311 TCLP EXT [3 day]	Soil	\$50.00	50	\$75.00	\$150.00

Invoice Total: \$2,207.26



INVOICE

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6406 * TEL. 413/525-2332

Invoice To:
 Accounts Payable
 TRC Environmental Corporation - Lowell
 21 Griffin Road
 Windsor, CT 06095

Invoice Number
 14K0818

Invoiced On:
 12/03/14

Remit To:
 Accounts Receivable
 Con-Test Analytical Laboratory
 39 Spruce Street
 East Longmeadow, MA 01028

PO Number
 70199

Received
 11/18/14

Project
 Former Kiley Barrel Site - Somerville,
 MA

Client
 Scott Buchanan
 TRC Environmental Corporation - Lowell

Terms
 NET 30
 A Service charge of 1.5% per month
 will be added to delinquent accounts

Project Number
 196378.2000

**TRC AP
 INVOICE APPROVAL**

Location
 Former Kiley Barrell Site -
 Somerville, MA

DEC 04 2014

Project Manager
 Meghan E. Kelley

Work Order(s)
 14K0818

Quantity	Analysis/Description	Matrix	Price	%Surchage	Unit Cost	Extended Cost
Con-Test Analytical Laboratory						
4	8151 MA - full list [5 day]	Soil	\$200.00	0	\$200.00	\$800.00

**Invoice
 Total: \$800.00**



INVOICE

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Invoice To:
 Accounts Payable
 TRC Environmental Corporation - Lowell
 21 Griffin Road
 Windsor, CT 06095

Invoice Number
 14L0039

Invoiced On:
 12/03/14

Remit To:
 Accounts Receivable
 Con-Test Analytical Laboratory
 39 Spruce Street
 East Longmeadow, MA 01028

PO Number
 70199

Received
 12/01/14

Project
 Former Kiley Barrel Site - Somerville,
 MA

Client
 Scott Buchanan
 TRC Environmental Corporation - Lowell

Terms
 NET 30
 A Service charge of 1.5% per month
 will be added to delinquent accounts.

Project Number
 196378

Location
 Somerville, MA

TRC AP
 INVOICE APPROVAL

DEC 04 2014

Project Manager
 Meghan E. Kelley

Work Order(s)
 14L0039

Quantity	Analysis/Description	Matrix	Price	%Surcharge	Unit Cost	Extended Cost
Con-Test Analytical Laboratory						
2	Lead 6010 TCLP [2 day]	Soil	\$8.00	75	\$14.00	\$28.00
2	1311 TCLP EXT [2 day]	Soil	\$50.00	75	\$87.50	\$175.00

Invoice Total: \$203.00



INVOICE

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-8405 * TEL. 413/525-2332

Invoice To:
 Accounts Payable
 TRC Environmental Corporation - Lowell
 21 Griffin Road
 Windsor, CT 06095

Invoice Number
 14K0921

Invoiced On:
 12/03/14

Remit To:
 Accounts Receivable
 Con-Test Analytical Laboratory
 39 Spruce Street
 East Longmeadow, MA 01028

PO Number
 70199

Received
 11/20/14

Project
 Former Kiley Barrel Site - Somerville,
 MA

Client
 Scott Buchanan
 TRC Environmental Corporation - Lowell

Terms
 NET 30
 A Service charge of 1.5% per month
 will be added to delinquent accounts.

Project Number
 196378.2000

TRC AP
 INVOICE APPROVAL
 DEC 04 2014

Project Manager
 Meghan E. Kelley

Work Order(s)
 14K0921

Location
 Former Kiley Barrel Site -
 Somerville, MA

Quantity	Analysis/Description	Matrix	Price	%Surcharge	Unit Cost	Extended Cost
Con-Test Analytical Laboratory						
2	8151 MA - full list [5 day]	Soil	\$200.00	0	\$200.00	\$400.00

Invoice Total: \$400.00



TRC AP
INVOICE APPROVAL

DEC 05 2014

INVOICE

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-8405 * TEL. 413/525-2332

Invoice To:
Accounts Payable
TRC Environmental Corporation - Lowell
21 Griffin Road
Windsor, CT 06095

Invoice Number
14L0075

Invoiced On:
12/04/14

Remit To:
Accounts Receivable
Con-Test Analytical Laboratory
39 Spruce Street
East Longmeadow, MA 01028

PO Number
70199

Received
12/02/14

Project
Former Kiley Barrel Site - Somerville,
MA

Client
Scott Buchanan
TRC Environmental Corporation - Lowell

Terms
NET 30
A Service charge of 1.5% per month
will be added to delinquent accounts.

Project Number
196378.2000

Location
Somerville, MA

Project Manager
Meghan E. Kelley

Work Order(s)
14L0075

Quantity	Analysis/Description	Matrix	Price	%Surcharge	Unit Cost	Extended Cost
Con-Test Analytical Laboratory						
1	Lead 6010 TCLP [2 day]	Soil	\$8.00	75	\$14.00	\$14.00
1	1311 TCLP EXT [2 day]	Soil	\$50.00	75	\$87.50	\$87.50
Invoice Total:						\$101.50



TRC AP
 INVOICE APPROVAL
 DEC 05 2014

INVOICE

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Invoice To:
 Accounts Payable
 TRC Environmental Corporation - Lowell
 21 Griffin Road
 Windsor, CT 06095

Invoice Number
 14K1168

Invoiced On:
 12/04/14

Remit To:
 Accounts Receivable
 Con-Test Analytical Laboratory
 39 Spruce Street
 East Longmeadow, MA 01028

PO Number
 70199

Received
 11/25/14

Project
 Former Kiley Barrel Site - Somerville,
 MA

Client
 Scott Buchanan
 TRC Environmental Corporation - Lowell

Terms
 NET 30
 A Service charge of 1.5% per month
 will be added to delinquent accounts.

Project Number
 196378.2000

Project Manager
 Meghan E. Kelley

Work Order(s)
 14K1168

Location
 Former Kiley Barrel Site -
 Somerville, MA

Quantity	Analysis/Description	Matrix	Price	%Surcharge	Unit Cost	Extended Cost
Con-Test Analytical Laboratory						
6	RCRA 8 6010 Total [5 day]	Soil	\$80.00	0	\$80.00	\$480.00
6	8260 MA MCP [5 day]	Soil	\$97.75	0	\$97.75	\$586.50
6	8082 [5 day]	Soil	\$70.00	0	\$70.00	\$420.00

Invoice
 Total: \$1,486.50



TRCAP
INVOICE APPROVAL

OCT 31 2014

INVOICE

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Invoice To:
Accounts Payable
TRC Environmental Corporation - Lowell
21 Griffin Road
Windsor, CT 06095

Invoice Number
14J1257

Invoiced On:
10/30/14

Remit To:
Accounts Receivable
Con-Test Analytical Laboratory
39 Spruce Street
East Longmeadow, MA 01028

PO Number
70199

Received
10/24/14

Project
Former Kiley Barrel Site - Somerville,
MA

Client
Scott Buchanan
TRC Environmental Corporation - Lowell

Terms
NET 30
A Service charge of 1.5% per month
will be added to delinquent accounts.

Project Number
196378.2000

Location
Somerville, MA

Project Manager
Meghan E. Kelley

Work Order(s)
14J1257

Quantity	Analysis/Description	Matrix	Price	%Surcharge	Unit Cost	Extended Cost
Con-Test Analytical Laboratory						
21	8082 Soxhlet [4 day]	Soil	\$70.00	25	\$87.50	\$1,837.50

Invoice
Total: \$1,837.50



Warranalact Mills
650 Suffolk Street
Lowell, MA 01854

978.970.5600 PHONE
978.453.1995 FAX

www.TRCSolutions.com

TRC Reference Number 196378

March 16, 2015

Amanda Maher
City of Somerville, City Hall
93 Highland Avenue
Somerville, MA 02143

**Subject: Invoice for Soil Excavation Oversight Period Ending January 2, 2015
For Charges under PO: 20146154, 20147165 and 20147166
City of Somerville Kiley Barrel Cleanup Project**

Dear Ms. Maher,

Enclosed please find the invoice for the above-listed period for work included under the following Purchase Orders 20146154, 20147165 and 20147166. Activities performed during this period are described below by PO.

OK to pay

PO 20146154 (Mass Development Funds)

Invoice #145960 **\$ 48,734.93**
Costs to conduct Laboratory analytical costs for environmental oversight of cleanup activities.

OK to pay

PO 20147165 (Brownfields Grant BF96154001)

Invoice #145989 **\$ 29,558.36**
Phase - Clean up costs for 9 Milk Place (Account G1M9OQ00)
000001 Costs to conduct environmental oversight of cleanup activities.

Phase Clean up costs for 14 Bennett Street (Account G1N1OQ00)
000002 Costs to conduct environmental oversight of cleanup activities including remedial injection.

Phase Clean up costs for 20-22 Prospect Street (Account G1N2OQ00)
000003 Costs to conduct environmental oversight of cleanup activities.

OK to pay

PO 20147166 (Brownfields Grant BF96168401)

Invoice #145964 **\$ 22,399.16** ✓
Phase - Clean up costs for 8 Bennett Street (Account G1Q2OQ00)
000001 Costs to conduct environmental oversight of cleanup activities.

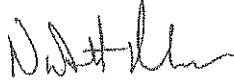
Phase Clean up costs for 10 Milk Place (Account G1Q3OQ00)
000002 Costs to conduct environmental oversight of cleanup activities

- Amanda
x 2528

Phase Clean up costs for 264-266 Somerville Avenue (Account G1Q4OQ00)
000003 Costs to conduct environmental oversight of cleanup activities

Please feel free to contact me with any questions at 978-656-3518.

Sincerely,
TRC Environmental



N. Scott Buchanan.
Project Manager

Enclosures:

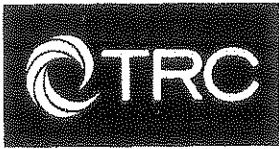
Invoices for project numbers:

Invoice #145960 for PO#20146154_MassDevelopment Funds

Invoice #145989 for PO#20147165 Brownfields Grant BF96154001

Invoice #145964 for PO#20147166 Brownfields Grant BF96168401





123 Technology Drive
Irvine, CA 92618
949-727-9336

INVOICE

PLEASE REMIT TO:
TRC Lockbox
P. O. Box 536282
Pittsburgh, PA 15253-5904

City of Somerville
City Hall
93 Highland Avenue
Somerville, MA 02143

March 16, 2015
Project No: 196378.3000.0000
Invoice No: 145989
Project Manager: Norman Buchanan

Project 196378.3000.0000 Kiley Barrel - Cleanup
Purchase Order # 20147165

This invoice is for Professional Environmental Consulting Services at the Kiley Barrel Site for Brownfield Grant Number BF96154001 under PO # 20147165. The specific services provided include: rental of monitoring equipment, environmental oversight, ACRES reporting, remedial additive, and soil excavation and disposal oversight activities.

Professional Services through: January 2, 2015

Phase 000001 9 Milk PI BF96154001 G1M9OQ00

Professional Personnel

	Hours	Rate	Amount
Senior Project Management II			
Robbins, Matthew	1.00	186.00	186.00
Sullivan, David	.25	186.00	46.50
Senior Project Management I			
Tuttle, Dennis	15.50	175.00	2,712.50
Project Technical I			
Buchanan, Norman	20.25	106.00	2,146.50
Zhou, Zhenping	11.75	106.00	1,245.50
Staff Technical II			
Doherty, Karen	.75	91.00	68.25
Staff Technical I			
Iyer, Rishabh	36.00	85.00	3,060.00
Staff Technician I			
Scott, Maxwell	.75	66.00	49.50
Principal/Princ. Sci./Princ. Eng. Lev3			
Arnold Jr., Paul	1.00	198.00	198.00
Totals	87.25		9,712.75
Total Labor			9,712.75

Reimbursable Expenses

Reimb/Non-Sub-Field/Proj Supplies			
10/1/2014 IYER RISHABH V	FIELD SUPPLIES-FEDEX		.51
	OFFICE #0992-PRINT		
10/1/2014 IYER RISHABH V	FIELD SUPPLIES-HOME		7.91
	DEPOT 2667-FIELD SUP		

Please reference Project # and Invoice # on payment. Payment Terms -- Net 30

Project	196378.3000.0000	Kiley Barrel - Cleanup	Invoice	145989
10/7/2014	IYER RISHABH V	FIELD SUPPLIES-SHELL OIL-FIELD SUPPLIES	1.99	
10/24/2014	IYER RISHABH V	FIELD SUPPLIES-SHELL OIL-FIELD SUPPLIES	1.99	
10/27/2014	IYER RISHABH V	FIELD SUPPLIES-7-ELEVEN STOREONLY-FIELD	2.19	
10/29/2014	IYER RISHABH V	FIELD SUPPLIES-7-ELEVEN STOREONLY-FIELD	2.19	
10/30/2014	IYER RISHABH V	FIELD SUPPLIES-7-ELEVEN STOREONLY-FIELD	2.19	
11/3/2014	IYER RISHABH V	FIELD SUPPLIES-AA RENTAL CENTER-FIELD SU	13.35	
11/3/2014	IYER RISHABH V	FIELD SUPPLIES-TARGET T1441-FIELD SUPPLI	6.36	
11/3/2014	IYER RISHABH V	FIELD SUPPLIES-HOME DEPOT 2667-FIELD SUP	15.91	
11/4/2014	IYER RISHABH V	FIELD SUPPLIES-EXXONMOBIL INSIDE SALES-F	1.89	
11/17/2014	IYER RISHABH V	FIELD SUPPLIES-7-ELEVEN STOREONLY-FIELD	2.49	
11/18/2014	IYER RISHABH V	FIELD SUPPLIES-STAPLES 1715-FIELD SUPPLI	.82	
11/25/2014	IYER RISHABH V	FIELD SUPPLIES-7-ELEVEN STOREONLY-FIELD	2.19	
11/25/2014	IYER RISHABH V	FIELD SUPPLIES-STAPLES 1715-FIELD SUPPLI	1.17	
11/26/2014	IYER RISHABH V	FIELD SUPPLIES-STAPLES 1715-FIELD SUPPLI	21.04	
12/3/2014	IYER RISHABH V	FIELD SUPPLIES-FEDEX OFFICE #0992-FIELD	27.51	
12/3/2014	IYER RISHABH V	FIELD SUPPLIES-FEDEX OFFICE #0992-FIELD	1.28	
12/5/2014	IYER RISHABH V	FIELD SUPPLIES-7-ELEVEN STOREONLY-FIELD	2.19	
12/7/2014	IYER RISHABH V	FIELD SUPPLIES-STAPLES 1715-FIELD SUPPLI	.47	
Reimb/Non-Sub-Mileage				
11/17/2014	TUTTLE DENNIS G	MILEAGE-KILEY BARREL SITE VISIT	15.68	
12/16/2014	TUTTLE DENNIS G	MILEAGE-KILEY BARREL SITE INSPECTION	15.68	
Total Reimbursables			1.07 times	147.00
			Total this Phase	\$9,870.04

Phase 000002 14 Bennett St. BF96154001 G1N10Q00

Professional Personnel

	Hours	Rate	Amount
Senior Project Management II			
Robbins, Matthew	1.00	186.00	186.00
Sullivan, David	.25	186.00	46.50
Senior Project Management I			
Tuttle, Dennis	15.25	175.00	2,668.75
Senior Project Technical I			
Oliveira, Matthew	1.00	125.00	125.00
Project Technical I			
Buchanan, Norman	20.50	106.00	2,173.00

Please reference Project # and Invoice # on payment. Payment Terms – Net 30

Project	196378.3000.0000	Kiley Barrel - Cleanup		Invoice	145989
Staff Technical II					
Doherty, Karen		.50	91.00	45.50	
Staff Technical I					
Iyer, Rishabh		22.50	85.00	1,912.50	
Staff Technician II					
Riley-Fitzpatrick, Michelle		1.00	78.00	78.00	
Staff Technician I					
Scott, Maxwell		.75	66.00	49.50	
Principal/Princ. Sci./Princ. Eng.Lev3					
Arnold Jr., Paul		1.00	198.00	198.00	
Totals		63.75		7,482.75	
Total Labor					7,482.75
Consultants					
Reimb/Sub-Equipment Rental					
11/26/2014	Pine Environmental Services, Inc			100.73	
Total Consultants			1.07 times	100.73	107.78
Reimbursable Expenses					
Reimb/Non-Sub-Field/Proj Supplies					
10/30/2014	Terra Systems, Inc		EVO remedial additive	1,268.75	
11/26/2014	Redox Tech, Llc		Remedial Additive	360.00	
Reimb/Non-Sub-Postage/Shipping/Delivery					
11/26/2014	Redox Tech, Llc		Shipping-Remedial Additive	173.00	
12/1/2014	Terra Systems, Inc		RECLFR GL 511.02	380.92	
Total Reimbursables			1.07 times	2,182.67	2,335.46
Total this Phase					\$9,925.99

Phase	000003	20-22 Prospect St. BF96154001 G1N2OQ00			
Professional Personnel					
			Hours	Rate	Amount
Senior Project Management II					
Robbins, Matthew			1.00	186.00	186.00
Sullivan, David			.25	186.00	46.50
Senior Project Management I					
Tuttle, Dennis			15.25	175.00	2,668.75
Project Technical I					
Buchanan, Norman			19.50	106.00	2,067.00
Staff Technical I					
Iyer, Rishabh			22.50	85.00	1,912.50
Staff Technician I					
Scott, Maxwell			.75	66.00	49.50
Principal/Princ. Sci./Princ. Eng.Lev3					
Arnold Jr., Paul			1.00	198.00	198.00
Totals			60.25		7,128.25
Total Labor					7,128.25
Consultants					
Reimb/Sub-Field/Project Supplies					
12/23/2014	Pine Environmental Services			20.13	
Reimb/Sub-Equipment Rental					
12/16/2014	Pine Environmental Services			2,441.63	
Total Consultants			1.07 times	2,461.76	2,634.08

Please reference Project # and Invoice # on payment. Payment Terms – Net 30

Project	196378.3000.0000	Kiley Barrel - Cleanup	Invoice	145989
			Total this Phase	\$9,762.33
			Total this Invoice	\$29,558.36

Please reference Project # and Invoice # on payment. Payment Terms – Net 30



TRC Expense Report

Report Name: Week of 10/10/14
Employee Name: Iyer, Rishabh V
Employee ID: 400311
TRC Org Unit 5-Practice: 3-E-LOW-EV-RMD
Report ID: B457753F33CB41468BE4
Report Date: 10/6/2014
Currency: USD

Transaction Date	Expense Type	Vendor	Amount
10/1/2014	Field Supplies	FEDEX OFFICE #0992	\$0.51
Allocations:	100.0000% (\$0.51) 196378.2000.0000-000001-0004B1-511.02		
Business Purpose:	Print outs for Cars at 0 prospect st		

Transaction Date	Expense Type	Vendor	Amount
10/1/2014	Field Supplies	HOME DEPOT 2667	\$7.91
Allocations:	100.0000% (\$7.91) 196378.2000.0000-000001-0004B1-511.02		
Business Purpose:	Field Supplies		

Transaction Date	Expense Type	Vendor	Amount
10/7/2014	Field Supplies	SHELL OIL	\$1.99
Allocations:	100.0000% (\$1.99) 196378.2000.0000-000001-0004B1-511.02		
Business Purpose:	Field Supplies		

75 PHOENIX AVE.
SOMERVILLE, MA 02143 (617)629-0001

2667 00057 39251 10/01/14 09:17 AM
CASHIER SELF CHECK OUT - SCCT57

03068914125 STAMER <A>
11" GROUND STAKE 7.44
392.45
TOTAL 7.44
SALES TAX 0.47
TOTAL \$7.91
XXXXXXXXXXXX000000000000000000000000
AUTH CODE 5343 REV 3/5/13P TA



2667 57 39251 10/01/2014 7543

RETURN POLICY DEFINITIONS
POLICY ID: 0475 POLICY EXPIRES ON:
A 1 90 12/30/2014
THE HOME DEPOT RESERVE THE RIGHT TO
LIMIT / DENY RETURNS. PLEASE SEE THE
RETURN POLICY SIGN IN STORES FOR
DETAILS.

BUY ONLINE PICK-UP IN STORE
AVAILABLE NOW ON HOMEDEPOT.COM.
CONVENIENT, EASY AND MOST ORDERS
READY IN LESS THAN 2 HOURS!

ENTER FOR A CHANCE
TO WIN A \$5,000
HOME DEPOT GIFT
CARD!

Share Your Opinion With Us! Complete
the brief survey about your store visit
and enter for a chance to win at:

www.homedepot.com/opinion

COMPARTA SU OPINION EN UNA BREVE
ENCUESTA PARA LA OPORTUNIDAD DE GANAR.

User ID:
2PXC 81466 78856

Password:
14501 78799

Entries must be entered by 10/31/2014.
Entrants must be 18 or older to enter.
See complete rules on website. No
purchase necessary.

WELCOME TO
OUR STORE

HELL 57 544 187404
DOT CARTRIDGE
AMBRIDGE MA 02141 5180793

Descr.	qty	amount
<CUSTOMER COPY>		
ICE SLB	1	1.99
Tax		0.00
TOTAL		1.99
CREDIT \$		1.99

XXX XXXXXX X1006 AMEX
DLCE: 788801 AUTH #: 563492

THANKS . COME AGAIN
36# 002 CS# 009 DR# 01 TRAN# 26583
1/07/14 08:45:26 ST# 251



October 01, 2014 15:28 Page: 1
Receipt #: 0992234856
AmEx #: XXXXXXXXXXXX1006
2014/10/01 15:22

Qty	Description	Amount
4	ES B&W S/S White 8.5 x 11	0.48
	SubTotal	0.48
	Taxes	0.03
	Total	0.51

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card in accordance with the agreement between the
Issuer and the Cardholder.

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(617) 494-5905
www.FedExOffice.com

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fedex.com/wellisten or 1-800-358-6242
Offer Code: _____ Offer expires 12/31/14

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TRC Expense Report

Report Name: Week of 11/7/14
Employee Name: Iyer, Rishabh V
Employee ID: 400311
TRC Org Unit 5-Practice: 3-E-LOW-EV-RMD
Report ID: 844201A09FDE470EB047
Report Date: 11/4/2014
Currency: USD

Transaction Date	Expense Type	Vendor	Amount
10/30/2014	Field Supplies	7-ELEVEN STOREONLY	\$2.19
Allocations:	100.0000% (\$2.19) 196378.2000.0000-000001-0004B1-511.02		
Business Purpose:	Field Supplies		

Transaction Date	Expense Type	Vendor	Amount
10/29/2014	Field Supplies	7-ELEVEN STOREONLY	\$2.19
Allocations:	100.0000% (\$2.19) 196378.2000.0000-000001-0004B1-511.02		
Business Purpose:	Field Supplies		

Transaction Date	Expense Type	Vendor	Amount
10/28/2014	Field Supplies	STAPLES 1715	\$0.82
Allocations:	100.0000% (\$0.82) 196378.2000.0000-000001-0004B1-511.02		
Business Purpose:	Field Supplies		

Transaction Date	Expense Type	Vendor	Amount
10/27/2014	Field Supplies	7-ELEVEN STOREONLY	\$2.19
Allocations:	100.0000% (\$2.19) 196378.2000.0000-000001-0004B1-511.02		
Business Purpose:	Field Supplies		

Rishabh Iyer

Transaction Date	Expense Type	Vendor	Amount
10/24/2014	Field Supplies	SHELL OIL	\$1.99
Allocations:	100.0000% (\$1.99) 196378.2000.0000-000001-0004B1-511.02		
Business Purpose:	Field Supplies		

Report Total:	\$9.38
Cash Advance:	\$0.00
Total Less Cash Advance:	\$9.38

WELCOME TO
OUR STORE

SHELL 57 544 187404
1001 CAMBRIDGE S1H0793
CAMBRIDGE MA 02141

Descr.	qty	amount
<CUSTOMER COPY>		
ICE 5LB	1	1.99
Tax		0.00
TOTAL		1.99
CREDIT \$		1.99

XXXX XXXXXX X1006 AMEX
INVOICE: 855619 AUTH #: 526788

THANKS, COME AGAIN
REG# 0002 CSH# 020 BR# 01 TRAM# 23775
10/24/14 15:57:02 ST# 251

7-ELEVEN
582 BROADWAY
SOMERVILLE MA 021452563
617/769540
STORE#: 32473
THANKS FOR SHOPPING
7-ELEVEN

1 B-1to IceCrbg 51b 2.19F

SUBTOTAL 2.19
TOTAL DUE 2.19
ANEX 2.19

VER/RISHABH V
ACCT#: *****1005
APPROVAL#: 586197 ADH CODE: 0
APPROVAL TIME: 145017
STORE#: 32473
TERM#: 00073247301 08
REF#: 95000 04 062 7
APPROVED

CUSTOMER AGREES TO PAY THE ABOVE
TOTAL AMOUNT ACCORDING TO THE CARD
HOLDERS AGREEMENT

TRY OUR DELI CENTRAL SANDWICHES
AND DELICIOUS ENTREES
#01 0907 TRNS070 10/27/2014 02:50 PM

7-ELEVEN
582 BROADWAY
SOMERVILLE MA 021452563
6177785340
STORE#: 32473
THANKS FOR SHOPPING
7-ELEVEN

Dr-1to 1cc0380 51b

2.19
2.19
2.19

BTOTAL
TOTAL DUE
MEXX
VER/RTSMBH V
COT#: *****1006 AUTH CODE: 0
APPROVAL#: 569570
APPROVAL TIME: 181004
STORE#: 32473
TERMIN: 00073247301 08
REF#: 99000 12 033 8
APPROVED

CUSTOMER AGREES TO PAY THE ABOVE
TOTAL AMOUNT ACCORDING TO THE CARD
HOLDERS AGREEMENT

TRY OUR DELI CENTRAL SANDWICHES
AND DELICIOUS ENTREES
1401 0P11 TRN0631 10/29/2014 06:10

7-ELEVEN
582 BROADWAY
SOMERVILLE MA 021452563
617769540
STORE#: 32473
THANKS FOR SHOPPING
7-ELEVEN

Br-to: 100089 51b 2.19

ABTAL 2.19
NIA DUE 2.19
MEX 2.19
EB/RTSHASH V

KT#: *****1006 AUTH CODE: 0
PROVAL#: 588155
PROVAL TIME: 062706
ORR#: 32473
RM#: 00073247301 08
TH: 95000 14 002 1
PROVED

CUSTOMER AGREES TO PAY THE ABOVE
TOTAL AMOUNT ACCORDING TO THE CARD
HOLDERS AGREEMENT

TRY OUR DELI CENTRAL SANDWICHES
AND DELICIOUS ENTRES
01 0907 1100876 10/30/2014 06:27 p



TRC Expense Report

Report Name: Week of 11/14/2014
Employee Name: Iyer, Rishabh V
Employee ID: 400311
TRC Org Unit 5-Practice: 3-E-LOW-EV-RMD
Report ID: F4FF5BAD1999494099A0
Report Date: 11/10/2014
Currency: USD

Transaction Date	Expense Type	Vendor	Amount
11/4/2014	Field Supplies	EXXONMOBIL INSIDE SALES	\$1.89
Allocations:	100.0000% (\$1.89) 196378.2000.0000-000001-0004B1-511.02		
Business Purpose:	Field supplies		

Transaction Date	Expense Type	Vendor	Amount
11/3/2014	Field Supplies	AA RENTAL CENTER	\$13.35
Allocations:	100.0000% (\$13.35) 196378.2000.0000-000001-0004B1-511.02		
Business Purpose:	Field supplies		

Transaction Date	Expense Type	Vendor	Amount
11/3/2014	Field Supplies	TARGET T1441	\$6.36
Allocations:	100.0000% (\$6.36) 196378.2000.0000-000001-0004B1-511.02		
Business Purpose:	Field supplies		

Transaction Date	Expense Type	Vendor	Amount
11/3/2014	Field Supplies	HOME DEPOT 2667	\$15.91
Allocations:	100.0000% (\$15.91) 196378.2000.0000-000001-0004B1-511.02		
Business Purpose:	Field supplies		

Report Total: \$37.51



101 North Beacon St.
Watertown, MA 02472
Tel. 617-923-8905
www.aarentalcenter.com

ALL RENTED OR LEASED EQUIPMENT IS USED PROPERTY
HOURS: M-F: 7am-4pm | Sat: 7am-2pm | Sun: Closed
THIS EQUIPMENT FOR RENTAL ONLY - NOT FOR SALE
DAMAGE WAIVER: 5% OF TOTAL RENTAL CHARGES.
INSURANCE DECLINED

IF CUSTOMER PREVIOUS CALL US IMMEDIATELY
NO REFUND OR ALLOWANCE WILL BE MADE

RENTED TO		JOB LOCATION		TICKET #	
AYER RISHABH 392 SOUTH MAIN ST ANDOVER MA 01810				Con# 222948 Loc 200	
DL/ID #	DOBth	OTHER	PHONE	DATE	TIME
NA-000886830			H (978) 427-7727	11/03/14	7:54 AM KC
ID#3	PO/JOB #	RECEIVED BY		RETURNED	
				11/03/14	12:03 PM MF

FINAL

Page: 1

QTY	ITEM#	MIN	HOURLY	OVNITE	8-HOUR	DAY	WEEK	4 WEEK	RKT AMT	NET AMT
1	3697-0000								12.00	12.00
				12.00		22.00	66.00	148.00		
----- Payments -----										
	AX			13.35		11/03/14				

Visit us on the INTERNET at:
www.aarentalcenter.com
aarc101@gmail.com

I hereby acknowledge that I have received and rented from AA Rental the items listed on this contract as rented. The rental is subject to the terms, warnings, cautions and notices on the reverse side of this contract, and if I am acting as agent for any other person or firm, I state that I have the authority to act as such agent. I authorize AA Rental to process a credit card voucher (if applicable) in my name for the rental charge under this contract plus any late charges, holdover rental or damage fees that may become due. DO NOT LEAVE THE STORE UNTIL YOU HAVE READ AND UNDERSTAND BOTH SIDES OF THIS CONTRACT.

RENT	12.00	PREV PAID	0.00
SALES	0.00	PAID NOW	13.35
OTHER	0.00		
DW/FEES	0.60		
ADDL TAX	0.00		
SALES TAX	0.75		
DEPOSIT	0.00		
TOTAL DUE	13.35	TOTAL PAID	13.35
AMOUNT DUE	0.00		

SIGNED X
If other than Rentor, signer represents he is Agent of and authorized to sign for Rentor.

03-NOV-14 12:03:53



DOMERVILLE 017 76 0006
11/03/2011 08:47 AM EXPIRES 02/01/15



PRIME			
200000010	5000N	1	\$5.99
		SUBTOTAL	\$5.99
		Tax - No Tax to 2500% on	\$0.37
		TOTAL	\$6.36
		*BOOK AMEX CHARGE	\$6.36

Target Has Many Ways Here to Help!
9am - 7pm M-F
9am - 5pm Sat
11am - 5pm Sun

REG# 0001-001-002-0200-3 WCD0757-250-057

MONTHLY
\$1500
GIFTCARD



PLUS 6
months
winner!

** Let Us Know **

TELL US ABOUT YOUR VISIT WITHIN 72 HOURS
OR OUR GUEST SATISFACTION SURVEY

www.informata.com
User ID: 7569 2855 9992
Password: 747 337

For a monthly chance to win:
A \$1500 TGT GiftCard (annual sweepstakes)
---PLUS---
Six 42¢ instant TGT GiftCard winners/visits
EN UN PLAZO DE 72 HORAS:
CUMPLENDO SOBRE SU VISITA USANDO
NUESTRA NUEVA Y CORTA ENCUESTA:
www.informa-a-target.com

Oportunidad mensual de ganar:
Una tarjeta TGT GiftCard de \$1500 en un
sorteo nacional y
Seis premios por visitas al punto de
venta con tarjeta TGT GiftCard de \$0.42.
¡NO OLVIDAR!
TARGET TEAM AND FAMILY ARE ELIGIBLE
FOR COMPLETE RULES. SEE GUEST SERVICE
OR WWW.INFORMATARGET.COM

WILLIAM HUBBLL
2 MAIN ST
SPURY MA 01876

ELKS PUBI INC
FLEKSBUR MA
DEPT FR 9745324
11/04/74 09:48

BMEZ XXXXX1006

1/0000 #

501992

DICE #

1890855

RT TOTAL \$1.89

BEER 99

EM

B ICE

QTY PRICE AMOUNT
1 81 1.81

Items 1

Subtotal 1.81
Sales Tax 0.00
Total 1.81

SHIFT 003615
THANK YOU
COME AGAIN



More saving.
More doing.

75 MYSTIC AVE.
SOMERVILLE, MA 02149 (617)623-0001

2667 00058 87116 11/03/14 09:10 AM
CASHIER SELF CHECK OJT - SCOTT6

049206634091 WOOD SHOVEL <A> 14.97
AMES WOOD TRANSFER SHOVEL

SUBTOTAL 14.97
SALES TAX 0.94
TOTAL \$15.91
XXXXXXXXXXXX1006 AMEX 15.91
AUTH CODE 560298/2512202 TA



2667 58 87116 (11/03/2014) 4442

RETURN POLICY DEFINITIONS
POLICY ID DAY(S) POLICY EXPIRES ON
A 1 90 02/01/2015
THE HOME DEPOT RESERVE; THE RIGHT TO
LIMIT / DENY RETURNS. PLEASE SEE THE
RETURN POLICY SIGN IN STORES FOR
DETAILS.

BUY ONLINE PICK-UP IN STORE
AVAILABLE NOW ON HOMEDEPOT.COM.
CONVENIENT, EASY AND MOST ORDERS
READY IN LESS THAN 2 HOURS!

ENTER FOR A CHANCE
TO WIN A \$15,000
HOME DEPOT GIFT
CARD!

Share Your Opinion With Us! Complete
the brief survey about your store visit
and enter for a chance to win it!

www.homedepot.com/opinion

COMPARTA SU OPINION EN UNA BREVE
ENCUESTA PARA LA OPORTUNIDAD DE GANAR.

User ID:
2PX3 177188 174577

Password:
14553 174521

Entries must be entered by 12/09/2014.
Entrante must be 18 or older to enter.
See complete rules on website. No
purchase necessary.



TRC Expense Report

Report Name: Week of 11/22/2014
Employee Name: Iyer, Rishabh V
Employee ID: 400311
TRC Org Unit 5-Practice: 3-E-LOW-EV-RMD
Report ID: 89D818DA71994D668574
Report Date: 11/22/2014
Currency: USD

Transaction Date	Expense Type	Vendor	Amount
11/18/2014	Field Supplies	STAPLES 1715	\$0.82
Allocations:	100.0000% (\$0.82) 196378.2000.0000-000001-0004B1-511.02		
Business Purpose:	Field Supplies		

Transaction Date	Expense Type	Vendor	Amount
11/17/2014	Field Supplies	7-ELEVEN STOREONLY	\$2.49
Allocations:	100.0000% (\$2.49) 196378.2000.0000-000001-0004B1-511.02		
Business Purpose:	Field Supplies		

Transaction Date	Expense Type	Vendor	Amount
11/17/2014	Field Supplies	FEDEX OFFICE #0992	\$3.35
Allocations:	100.0000% (\$3.35) 192746.0000.0000-000002--511.02		
Business Purpose:	Field Supplies		

Report Total:	\$6.66
Cash Advance:	\$0.00
Total Less Cash Advance:	\$6.66

7-ELEVEN
800 TECHNOLOGY SQUARE
CAMBRIDGE MA 021393689
6174941224
STORE: 33486
Oh Thank Heaven
for 7-Eleven!

1 to 1 card by 51b 2.49F

TAL 2.49
DLE 2.49

EX 2.49
RISHABH V

: *****1006 AUTH CODE: 0

VAL#: 539533

VAL TIME: 172155

#: 33486

: 60073498601 08

: 95000 77 059 7

VED

SHOPPER AGREES TO PAY THE ABOVE
AMOUNT ACCORDING TO THE CARD
HOLDERS AGREEMENT

WE APPRECIATE YOUR BUSINESS
REFUNDS DONE ONLY B/W 8AM- 4PM
P29 TRN280 11/17/2014 06:21 pm



That was easy.

Low prices. Every item. Every day.
Store No. 1715
105 Middlesex Ave
Somerville, MA 02145
(617) 429-7600

257825 XXX 01 4810

Card # 4912
WXXXXXXXXXX1000
114 17.07

Description	Amount
STAPLES	17.07
Subtotal	0.00
STANDARD TAX	0.00
Total	17.07

The Cardholder agrees to pay the issuer of the charge
in full in accordance with the agreement between the
Cardholder and the Issuer.

Compare and Save
with Staples brand products.
THANK YOU FOR SHOPPING AT STAPLES!



31101181401572



TRC Expense Report

Report Name: Week of 11/28/14
Employee Name: Iyer, Rishabh V
Employee ID: 400311
TRC Org Unit 5-Practice: 3-E-LOW-EV-RMD
Report ID: 8BC61A94E141402E80A9
Report Date: 11/30/2014
Currency: USD

Transaction Date	Expense Type	Vendor	Amount
11/26/2014	Field Supplies	STAPLES 1715	\$21.04
Allocations:	100.0000% (\$21.04) 196378.2000.0000-000001-0004B1-511.02		
Business Purpose:	Field Supplies		

Transaction Date	Expense Type	Vendor	Amount
11/25/2014	Field Supplies	7-ELEVEN STOREONLY	\$2.19
Allocations:	100.0000% (\$2.19) 196378.2000.0000-000001-0004B1-511.02		
Business Purpose:	Field Supplies		

Transaction Date	Expense Type	Vendor	Amount
11/25/2014	Field Supplies	STAPLES 1715	\$1.17
Allocations:	100.0000% (\$1.17) 196378.2000.0000-000001-0004B1-511.02		
Business Purpose:	Field Supplies		

Report Total:	\$24.40
Cash Advance:	\$0.00
Total Less Cash Advance:	\$24.40

7-ELEVEN
582 BROADWAY
SOMERVILLE MA 021452559
617775540
STORE#: 32473
THANKS FOR SHOPPING
7-ELEVEN

0110 108089 519
2.19F
2.19
2.19

TOTAL 2.19
AMOUNT 2.19
MEX 2.19
BARRISWASH V AUTH CODE: 0
C#: *****1006
T#: 523101
PROV#: 523101
PROV TIME: 112032
PRER: 32473
ERR#: 0003247301 08
EFT#: 93000 02 046 3
APPROVED

CUSTOMER AGREES TO PAY THE ABOVE
TOTAL AMOUNT ACCORDING TO THE CARD
HOLDERS AGREEMENT

TRY OUR DELI CENTRAL SANDWICHES
AND DELICIOUS ENTREES
TMO1 0907 TRND076 11/25/2014 11:20 AM



that was easy.

Low prices. Every item. Every day.

Store No. 1715
165 Middlesex Ave.
SOMERVILLE, MA 02146
(617) 623-7660

252525 XX 025 50181

Receipt #: 50181
ANEX #: XXXXXXXXXXXX1000
11/26/14 11.18

Qty	Description	Amount
180	BW SS P@SS L#LJL-832551	18.80
	Sub Total	18.80
	STANDARD TAX	1.34
	Total	21.04

The Cardholder agrees to pay the Issuer of the charge card in accordance with the agreement between the Issuer and the Cardholder.

Compare and Save
with Staples-brand products.
THANK YOU FOR SHOPPING AT STAPLES!



1715126145019125

1715126145019125



that was easy.

Low prices. Every item. Every day.

Store No: 1718
189 Middlesex Ave.
SOMERVILLE, MA 02145
(617) 625-7880

253525 XX 025 69120

Receipt #: 64130
Auth # XXXXXXXXXXXX1008
11/28/14 15:43

Qty	Description	Amount
18	BUSINESS POSSE LITHO-33381	1.10
	Subtotal	1.10
	STANDARD TAX	0.07
	Total	1.17

The Cardholder agrees to pay the issuer of the charge card in accordance with the agreement between the issuer and the Cardholder.

COMPARE AND SAVE



TRC Expense Report

Report Name: Week of 12/10/14
Employee Name: Iyer, Rishabh V
Employee ID: 400311
TRC Org Unit 5-Practice: 3-E-LOW-EV-RMD
Report ID: C122E723A72849CBA8BB
Report Date: 12/10/2014
Currency: USD

Transaction Date	Expense Type	Vendor	Amount
12/7/2014	Field Supplies	STAPLES 1715	\$0.47
Allocations:	100.0000% (\$0.47) 196378.2000.0000-000001-0004B1-511.02		
Business Purpose:	Field Supplies		

Transaction Date	Expense Type	Vendor	Amount
12/5/2014	Field Supplies	7-ELEVEN STOREONLY	\$2.19
Allocations:	100.0000% (\$2.19) 196378.2000.0000-000001-0004B1-511.02		
Business Purpose:	Field Supplies		

Transaction Date	Expense Type	Vendor	Amount
12/3/2014	Field Supplies	FEDEX OFFICE #0992	\$9.00
Allocations:	100.0000% (\$9.00) 196378.2000.0000-000001-0004B1-511.02		
Business Purpose:	Field Supplies		

Transaction Date	Expense Type	Vendor	Amount
12/3/2014	Field Supplies	FEDEX OFFICE #0992	\$27.51
Allocations:	100.0000% (\$27.51) 196378.2000.0000-000001-0004B1-511.02		
Business Purpose:	Field Supplies		

Rishabh Iyer

Transaction Date	Expense Type	Vendor	Amount
12/3/2014	Field Supplies	FEDEX OFFICE #0992	\$1.28
Allocations:	100.0000% (\$1.28) 196378.2000.0000-000001-0004B1-511.02		
Business Purpose:	Field Supplies		

Transaction Date	Expense Type	Vendor	Amount
11/14/2014	Parking		\$22.00
Allocations:	100.0000% (\$22.00) 192746.0000.0000-000002--511.16		
Business Purpose:	Parking in the field		

Report Total:	\$62.45
Cash Advance:	\$0.00
Total Less Cash Advance:	\$62.45



December 03, 2014 09:49 Page: 1
Receipt #: 0992236649
Order #: XXXXXXXXXXXX1006
12/03 09:40

Qty	Description	Amount
	ES B&W 5/S White 8.5 x11	1.20
	SubTotal	1.20
	Taxes	0.08
	Total	1.28

Earn rewards with FedEx Office
earn points for your eligible FedEx Office purchases
when you sign up for My FedEx Rewards. Go to
fedex.com/rewards to sign up today.

The Cardholder agrees to pay the issuer of the charge
card in accordance with the agreement between the
issuer and the Cardholder.

FedEx Office Print & Ship Centers

10 Technology Sq.
Cambridge, MA 02139
(617) 494-5905
www.FedExOffice.com

Help us how we're doing and receive
0% off your next \$25 print order
fedex.com/weillaten or 1-800-398-0242
Offer Code: _____ Offer expires 6/30/2015

Please Recycle This Receipt



December 03, 2014 10:07 Page: 1
Receipt #: 0892236850
AmEx #: XXXXXXXXXXXX1000
2014/12/03 09:50

Qty	Description	Amount
5	PC Basic Stallon Time/Minute	1.50
13	Computer B&W Prints Letter/Legal	6.37
10	PNG Color S/S 8.5x11 & 8.5x14	6.00
3	PNG B&W S/S 8.5x11 & 8.5x14	0.36
98	ES B&W S/S White 8.5 x11	11.78
	Sub Total	25.00
	Taxes	1.62
	Total	27.51

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Earn points for your eligible FedEx Office purchases
when you sign up for My FedEx Rewards. Go to
fedex.com/rewards to sign up today.

The Cardholder agrees to pay the issuer of the charge
card in accordance with the agreement between the
issuer and the Cardholder.

FedEx Office Print & Ship Centers

400 Technology Sq.
Cambridge, MA 02138
(617) 494-8805
www.FedExOffice.com

Tell us how we're doing and receive
20% off your next \$75 print order

7-ELEVEN
582 BROADWAY
SOMERVILLE MA 021452663
6177769540
STORE#: 32473
THANKS FOR SHOPPING
7-ELEVEN

1 Brito Jacoby Sib 2.19F

SUBTOTAL 2.19
TOTAL DUE 2.19
AMEX 2.19
IYER/RISHBH V

ACCT#: *****1005
AUTH CODE: 0
APPROVAL#: 592715
APPROVAL TIME: 105304
STORE#: 32473
TERM#: 00073247301 08
REF#: 93600 33 041 6
APPROVED

CUSTOMER AGREES TO PAY THE ABOVE
TOTAL AMOUNT ACCORDING TO THE CARD
HOLDERS AGREEMENT

TRY OUR DELI CENTRAL SANDWICHES
AND DELICIOUS ENTRES
*01 0907 TRN4275 12/05/2014 10:43 am



that was easy.

Low prices. Every Item. Every day.
Store No:1715
165 Middlesex Ave.
SOMERVILLE, MA 02145
(617) 823-7880

252828 XX 026 51487

Receipt #: 51487
Auth #: XXXXXXXXXXXX1006
12/07/14 16:28

Qty	Description	Amount
4	SS USB B&W LTR-837007	0.44
	SubTotal	0.44
	STANDARD TAX	0.03
	Total	0.47

The Cardholder agrees to pay the issuer of the charge card in accordance with the agreement between the Issuer and the Cardholder.

Compare and Save
with Staples-brand products.
THANK YOU FOR SHOPPING AT STAPLES



512071451465
7151207145146723

NOV 14 2014
NOV 13 2014

P & J's Parking

85 Essex Street, Boston, MA 02111

IN 705 1205

OUT _____ PAID \$ _____



TRC Expense Report

Report Name: ER travel Nov 2014
Employee Name: Tuttle, Dennis G
Employee ID: 300643
TRC Org Unit 5-Practice: 3-E-LOW-EV-RMD
Report ID: E8ADCB0CC83F4F07887A
Report Date: 11/24/2014
Currency: USD

Transaction Date	Expense Type	Vendor	Amount
11/17/2014	Mileage		\$15.68
Allocations:	100.0000% (\$15.68) 196378.2000.0000-000001-0004B1-511.15		
Business Purpose:	Kiley Barrel site visit		

Transaction Date	Expense Type	Vendor	Amount
11/20/2014	Mileage		\$95.20
Allocations:	100.0000% (\$95.20) 115058.0000.0000-001830-000005-511.15		
Business Purpose:	New Bedford ARP Meeting		

Report Total:	\$110.88
Cash Advance:	\$0.00
Total Less Cash Advance:	\$110.88



TRC Expense Report

Report Name: ER Dec 2014 travel
Employee Name: Tuttle, Dennis G
Employee ID: 300643
TRC Org Unit 5-Practice: 3-E-LOW-EV-RMD
Report ID: 81142C41EE2043EABE29
Report Date: 12/18/2014
Currency: USD

Transaction Date	Expense Type	Vendor	Amount
12/16/2014	Mileage		\$15.68
Allocations:	100.0000% (\$15.68) 196378.2000.0000-000001-0004B1-511.15		
Business Purpose:	Kifey Barrel site inspection		

Transaction Date	Expense Type	Vendor	Amount
12/10/2014	Mileage		\$38.08
Allocations:	100.0000% (\$38.08) OHGENL.0000.0000-300255--757.05		
Business Purpose:	Training - LSP CEUs		

Report Total:	\$53.76
Cash Advance:	\$0.00
Total Less Cash Advance:	\$53.76

RENTAL RETURN



Pine Environmental Services LLC
P.O. Box 943
Hightstown, NJ 08520
Toll-Free 1-800-301-9663 Fax 1-609-371-1663
www.pine-environmental.com

INVOICE NUMBER : 0879811
INVOICE DATE : 10/31/2014
CONTRACT : A109775
BEGIN DATE : 10/14/2014
END DATE : 10/23/2014

TRC AP
INVOICE APPROVAL

NOV 06 2014

SHIP DATE : 10/13/2014

BILLED TO 05-TR06095
TRC COMPANIES
ATTN: ACCOUNTS PAYABLE
21 GRIFFIN ROAD NORTH
WINDSOR, CT 06095

SHIP TO:
TRC COMPANIES
ATTN: RISHABH IYER
650 SUFFOLK ST
LOWELL, MA 01854

CONFIRM TO: RISHABH IYER

Ship To Phone: (978) 970-5600

PROJECT #:

Special Notes :

INVOICE

CUSTOMER PO: 196378	SHIP VIA: Pine Driver	SHIPPER ID:	TERMS: Net 30 Days
------------------------	--------------------------	-------------	-----------------------

ITEM NUMBER	TYPE	Warehouse	UNIT	QUANTITY	UNIT PRICE	AMOUNT
<i>2 DAYS RENTAL</i>						
<i>10/14/14 & 10/23/14</i>						
RAIR21015	R	MAI	EACH	1.00		158.00
PID-MiniRAE 3000 10.6 120V D						
GP10100	R	MAI	EACH	1.00		0.00
Cal Kit - Std - 17L Regulator/Gas/Tedlar Bag						

****Rental Discount Reflected On Totals Lines****

Net Order:	158.00
Less Discount:	63.20
Freight:	0.00
Sales Tax:	5.93
Invoice Total:	100.73

TERRA SYSTEMS, INC. INVOICE

Offering Bioremediation Solutions to Environmental Problems

United States Patent# RE40,448 Emulsified Vegetable Oil Substrate

Prepared By: Michael Free
130 Hickman Road, Suite 1
Claymont, Delaware 19703
Phone 302-798-9553 Cell: 484-889-2214
Email: mfree@terrasystems.net

October 20th, 2014

TRC AP
INVOICE APPROVAL
OCT 20 2014

INVOICING

TRC Companies, Inc.
Attn: Accounts Payable
21 Griffin Road North
Windsor, CT. 06095

Email: apinvoiceapproval@trcsolutions.com

TRC Project Name: Kiley Barfel Cleanup - Somerville, MA.
TRC Project#: 196378.2000.0000
TRC Purchase Order # 73932

TRC PM: N. Scott Buchanan, T: 978-656-3518
C: 978-758-2808, SBuchanan@trcsolutions.com

Terra Systems Invoices# 104651

DESCRIPTION	Price
725 pounds (90 gallons) of Terra Systems patented 60% SRS [®] -SD small droplet emulsified vegetable oil substrate at \$1.75 per pound. The price includes packaging in two (2) 55-gallon drums. It does not include freight to Somerville, MA or any applicable MA sales or use tax.	\$1,268.75
60% SRS [®] -SD emulsified vegetable oil meets the following specifications: 1. contains a slow release carbon source of 60 percent vegetable oil (US grown soybean oil) 2. contains a fast release carbon source of at least 4% lactate 3. includes a nutrient package containing yeast extracts, nitrogen and phosphorus to support growth of the anaerobic microbial population. 4. includes at least 250 µg/L of Vitamin B ₁₂ , which He et al. 2007 demonstrated is an important micronutrient to enhance dechlorination activity. 5. has a neutral pH 6. contains a proprietary nonionic natural emulsifier, which doesn't have a charge and will not adhere readily to the positively charged soil particles. This combined with a small droplet size will result in greater distribution in the aquifer. 7. has a mean droplet size of 0.6 µm for maximum radius of influence	
Standard freight to Somerville, MA. A fork-lift or loading dock are required for unloading.	\$245.16
Lift-Gate Delivery	\$135.76
Payment Terms: Net 60 days - Reference MSA#: TRC-TSI-3-08-11 Payment Terms: Payment made within 60 days of invoice date will receive a 3% rebate or credit on the cost of substrate, which amounts to (\$38.06). Make all checks payable to Terra Systems, Inc. Remit to: Terra Systems, Inc., 130 Hickman Road, Suite 1, Claymont, Delaware 19703	
Total	\$1,649.67

THANK YOU FOR YOUR BUSINESS

<http://www.terrasystems.net/>

Redox Tech NE, LLC
 200 Quade Drive
 Cary, NC 27513

TRC AP
 INVOICE APPROVAL
 NOV 11 2014

Invoice

Date	Invoice #
10/21/2014	971

Bill To TRC Companies, Inc Attn: Accounts Payable 21 Griffin Road North Windsor, CT 06095
--

P.O. No.	Terms	Project
73973 C/O 1	45 days	Somerville, MA

Quantity	Description	Rate	Amount
200	Line Item # 1 Remedial Additive -- NuBuff (200 lbs @ \$1.80 per lb)	1.80	360.00
1	Line Item # 1 Remedial Additive -- Shipping	173.00	173.00
Shipped to: Kiley Barrel Site 4 Milk Place Somerville, MA PO No. 73973 C/O 1 Project No. 196378.2000.0000			
Total			\$533.00

SALE INVOICE

Page: 1



Pine Environmental Services LLC
 P.O. Box 943
 Hightstown, NJ 08520
 Toll-Free 1-800-301-9663 Fax 1-609-371-1663
 www.pine-environmental.com

INVOICE NUMBER : 0877954
INVOICE DATE : 10/29/2014
CONTRACT : A109915
BEGIN DATE :
END DATE :

SHIP DATE : 10/22/2014

BILLED TO: 05-TR06095
 TRC COMPANIES
 ATTN: ACCOUNTS PAYABLE
 21 GRIFFIN ROAD NORTH
 WINDSOR, CT 06095

SHIP TO:
 CPU
 RISHABH IYER
 24 TOWER OFFICE PARK
 WOBURN, MA 01801

TRC AP
 INVOICE APPROVAL

DEC 16 2014

CONFIRM TO: RISHABH IYER

Ship To Phone:

PROJECT # :

Special Notes :

INVOICE

CUSTOMER PO: 196378	SHIP VIA: Customer Pick Up	SHIPPER ID:	TERMS: Net 30 Days
-------------------------------	--------------------------------------	--------------------	------------------------------

ITEM NUMBER	TYPE	Warehouse	UNIT	ORDERED	SHIPPED	UNIT PRICE	AMOUNT
FS10047	S	SMA	EACH	1.00	1.00	18.95	18.95
Book-Bnd-Field-Fab Cov350F Hardbound, 156 pages (78 sheets), title and contents pages, 4 5/8" x 7 1/4"							

Net Order:	18.95
Less Discount:	0.00
Freight:	0.00
Sales Tax:	1.18
Invoice Total:	20.13

RENTAL INVOICE

Page: 1



Pine Environmental Services LLC
 P.O. Box 943
 Hightstown, NJ 08520
 Toll-Free 1-800-301-9663 Fax 1-609-371-1663
 www.pine-environmental.com

INVOICE NUMBER : 0885023
INVOICE DATE : 11/26/2014
CONTRACT : A109612
BEGIN DATE : 10/20/2014
END DATE : 11/18/2014

SHIP DATE : 10/7/2014

TRC AP
 INVOICE APPROVAL

BILLED TO 05-TR06095
 TRC COMPANIES
 ATTN: ACCOUNTS PAYABLE
 21 GRIFFIN ROAD NORTH
 WINDSOR, CT 06095

DEC 03 2014

SHIP TO:
 JOB SITE
 ATTN: RISHABH IYER
 4 MILK PLACE
 SOMERVILLE, MA 02143

CONFIRM TO: RISHABH IYER

Ship To Phone: (978) 427-7727

PROJECT # :

Special Notes :

TRIPOD

CUSTOMER PO: 196378	SHIP VIA: Pine Driver	SHIPPER ID:	TERMS: Net 30 Days
------------------------	--------------------------	-------------	-----------------------

ITEM NUMBER	TYPE	Warehouse	UNIT	ORDERED	SHIPPED	UNIT PRICE	AMOUNT
THIS IS NOT A FINAL INVOICE							
(RENTAL EQUIPMENT STILL OUT)							
***** MONTHLY #1 *****							
This invoice for 1 Month Rental Period							
10/20/14 - 11/18/14							
RAIR61054	R	MA1	EACH	1.00	1.00		900.00
ID# 25978 (10/29/14) DustTrak2 Desktop Monitor 8530							
RAIR61054	R	MA1	EACH	1.00	1.00		900.00
ID# 16822 DustTrak2 Desktop Monitor 8530							
RAIR61054	R	MA1	EACH	1.00	1.00		900.00
ID# 18011 DustTrak2 Desktop Monitor 8530							
RAIR61051-PINE	R	MA1	EACH	1.00	1.00		135.00
ID# 26494 Enclosure, Environmental							
WITH TRIPOD							
RAIR61051-PINE	R	MA1	EACH	1.00	1.00		135.00
ID# 26492 Enclosure, Environmental							
WITH TRIPOD							
RAIR61051-PINE	R	MA1	EACH	1.00	1.00		135.00
Enclosure, Environmental							
includes: Enclosure, omni directional inlet, battery pack.							
(Pine Version)							
WITH TRIPOD							
RAIR21015	R	MA1	EACH	1.00	1.00		725.00
ID# 15923 PID-MiniRAE 3000 10.6 120V D							
GP10100	R	MA1	EACH	1.00	1.00		0.00
Cal Kit - Std - 17L							
Regulator/Gas/Tedlar Ba g							

****Rental Discount Reflected On Totals Lines Per Quote# 54051****

Net Order:	3,830.00
Less Discount:	1,532.00
Freight:	0.00
Sales Tax:	143.63
Invoice Total:	2,441.63

7684



Wannalancit Mills
650 Suffolk Street
Lowell, MA 01854

978.970.5600 PHONE
978.453.1995 FAX

www.TRCSolutions.com

TRC Reference Number 196378

March 16, 2015

Amanda Maher
City of Somerville, City Hall
93 Highland Avenue
Somerville, MA 02143

**Subject: Invoice for Soil Excavation Oversight Period Ending January 2, 2015
For Charges under PO: 20146154, 20147165 and 20147166
City of Somerville Kiley Barrel Cleanup Project**

Dear Ms. Maher,

Enclosed please find the invoice for the above-listed period for work included under the following Purchase Orders 20146154, 20147165 and 20147166. Activities performed during this period are described below by PO.

OK to pay

PO 20146154 (Mass Development Funds)

Invoice #145960 \$ 48,734.93
Costs to conduct Laboratory analytical costs for environmental oversight of cleanup activities.

OK to pay

PO 20147165 (Brownfields Grant BF96154001)

Invoice #145989 \$ 29,558.36

Phase - Clean up costs for 9 Milk Place (Account G1M9OQ00)
000001 Costs to conduct environmental oversight of cleanup activities.

Phase Clean up costs for 14 Bennett Street (Account G1N1OQ00)
000002 Costs to conduct environmental oversight of cleanup activities including remedial injection.

Phase Clean up costs for 20-22 Prospect Street (Account G1N2OQ00)
000003 Costs to conduct environmental oversight of cleanup activities.

OK to pay

PO 20147166 (Brownfields Grant BF96168401)

Invoice #145964 \$ 22,399.16 ✓

Phase - Clean up costs for 8 Bennett Street (Account G1Q2OQ00)
000001 Costs to conduct environmental oversight of cleanup activities.

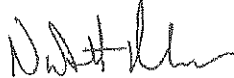
Phase Clean up costs for 10 Milk Place (Account G1Q3OQ00)
000002 Costs to conduct environmental oversight of cleanup activities

- Amanda
x 2528

Phase Clean up costs for 264-266 Somerville Avenue (Account G1Q4OQ00)
000003 Costs to conduct environmental oversight of cleanup activities

Please feel free to contact me with any questions at 978-656-3518.

Sincerely,
TRC Environmental



N. Scott Buchanan.
Project Manager

Enclosures:

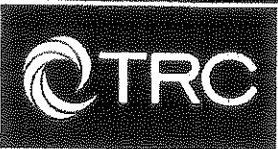
Invoices for project numbers:

Invoice #145960 for PO#20146154_MassDevelopment Funds

Invoice #145989 for PO#20147165 Brownfields Grant BF96154001

Invoice #145964 for PO#20147166 Brownfields Grant BF96168401





123 Technology Drive
Irvine, CA 92618
949-727-9336

INVOICE

PLEASE REMIT TO:
TRC Lockbox
P. O. Box 536282
Pittsburgh, PA 15253-5904

City of Somerville
City Hall
93 Highland Avenue
Somerville, MA 02143

March 16, 2015
Project No: 196378.4000.0000
Invoice No: 145964
Project Manager Norman Buchanan

Project 196378.4000.0000 Kiley Barrel - Cleanup
Purchase Order # 20147166

This invoice is for Professional Environmental Consulting Services at the Kiley Barrel for Brownfields Grant Number BF96168401 under PO # 20147166. The specific services provided include: environmental oversight of cleanup activities.

Professional Services through January 2, 2015

Phase 000001 8 Bennett St. BF96168401 G1Q2OQ00

Professional Personnel

	Hours	Rate	Amount
Senior Project Management II			
Robbins, Matthew	1.00	186.00	186.00
Sullivan, David	.25	186.00	46.50
Senior Project Management I			
Tuttle, Dennis	15.25	175.00	2,668.75
Project Technical I			
Buchanan, Norman	19.50	106.00	2,067.00
Staff Technical I			
Iyer, Rishabh	26.50	85.00	2,252.50
Staff Technician I			
Scott, Maxwell	.75	66.00	49.50
Principal/Princ. Sci./Princ. Eng. Lev3			
Arnold Jr., Paul	1.00	198.00	198.00
Totals	64.25		7,468.25
Total Labor			7,468.25
		Total this Phase	\$7,468.25

Phase 000002 10 Milk Pl. BF96168401 G1Q3OQ00

Professional Personnel

	Hours	Rate	Amount
Senior Project Management II			
Robbins, Matthew	1.00	186.00	186.00
Senior Project Management I			
Tuttle, Dennis	15.25	175.00	2,668.75
Project Management I			
Denly, Elizabeth	.25	155.00	38.75

Please reference Project # and Invoice # on payment. Payment Terms – Net 30

Project	196378.4000.0000	Kiley Barrel - Cleanup		Invoice	145964
Project Technical I					
Buchanan, Norman		19.50	106.00	2,067.00	
Staff Technical I					
Iyer, Rishabh		17.25	85.00	1,466.25	
Iyer, Rishabh		9.00	87.55	787.95	
Staff Technician I					
Scott, Maxwell		.75	66.00	49.50	
Principal/Princ. Sci./Princ. Eng. Lev3					
Hansen, Patrick		1.00	198.00	198.00	
Totals		64.00		7,462.20	
Total Labor					7,462.20
Reimbursable Expenses					
Reimb/Non-Sub-Field/Proj Supplies					
12/1/2014	BUCHANAN NORMAN S		FIELD SUPPLIES-TARGET	12.00	
			T1441-COOLER & ICE		
Reimb/Non-Sub-Mileage					
12/1/2014	BUCHANAN NORMAN S		MILEAGE-KILEY WORK	11.20	
Total Reimbursables			1.07 times	23.20	24.82
Unit Billing					
Copy Room Recovery - Lowell					73.50
Total this Phase					\$7,560.52

Phase	000003	264-266 Somerville Ave BF96168401 G1Q40Q			
Professional Personnel					
			Hours	Rate	Amount
Senior Project Management II					
Robbins, Matthew			1.00	186.00	186.00
Senior Project Management I					
Tuttle, Dennis			15.25	175.00	2,668.75
Project Technical I					
Buchanan, Norman			18.75	106.00	1,987.50
Buchanan, Norman			.75	109.18	81.89
Staff Technical II					
Kitchin, Kevin			.25	91.00	22.75
Staff Technical II					
Blanchard, Maura			.25	91.00	22.75
Staff Technical I					
Iyer, Rishabh			24.75	85.00	2,103.75
Staff Technician I					
Scott, Maxwell			.75	66.00	49.50
Principal/Princ. Sci./Princ. Eng. Lev3					
Arnold Jr., Paul			.25	198.00	49.50
Hansen, Patrick			1.00	198.00	198.00
Totals			63.00		7,370.39
Total Labor					7,370.39
Total this Phase					\$7,370.39
Total this Invoice					\$22,399.16

Please reference Project # and Invoice # on payment. Payment Terms – Net 30



TRC
Expense Report

Report Name: 122214ER
 Employee Name: Buchanan, Norman S
 Employee ID: 010885
 TRC Org Unit 5-Practice: 3-E-LOW-EV-RMD
 Report ID: 607697E1C39E476683EF
 Report Date: 12/22/2014
 Currency: USD

Transaction Date	Expense Type	Vendor	Amount
12/1/2014	Field Supplies	TARGET T1441	\$12.00
Allocations:	100.0000% (\$12.00) 196378.1000.0000-000001-0006A0-511.02		
Business Purpose:	Cooler & ice for samples		

Transaction Date	Expense Type	Vendor	Amount
12/1/2014	Mileage		\$11.20
Allocations:	100.0000% (\$11.20) 196378.1000.0000-000001-0006A0-511.15		
Business Purpose:	Kiley Work		



SOMERVILLE - 617-776-4036
12/01/2014 02:40 PM EXPIRES 03/01/15



GROCERY				
288040032	CAPE COD IC	FN		\$1.39
TOYS-SPORTING GOODS				
091011775	COOLER	T		\$9.99
			SUBTOTAL	\$11.38
T = MA TAX	6.2500%	on	\$9.99	\$0.62
			TOTAL	\$12.00
			*1009 AMEX CHARGE	\$12.00

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9am - 5pm Sat
11am - 5pm SUN

REC#2-4335-1441-0075-6237-5 VCD#752-258-648

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Seis ganadores por estado al instante de
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OR WWW.INFORMTARGET.COM

TRC ENVIRONMENTAL CORPORATION

FILE NAME: Lowell Color Plotter

UNIT TABLE NAME: LOWELL COST RECOVERY

WE

Date	Unit No.	Project #	Phase	Task	Qty	Amount
11/21/14	3PLOTTER	218149	5		210	\$2,205.00
11/21/14	3PLOTTER	196378.1000.0000	1	6A0	3	\$31.50
11/21/14	3PLOTTER	196378.1000.0000	1	6A0	2	\$42.00
11/21/14	3PLOTTER	219149	5		12	\$126.00
11/21/14	3PLOTTER	183170	8	3	75	\$787.50
11/21/14	3PLOTTER	219149	5		60	\$630.00
11/21/14	3PLOTTER	219149	5		120	\$1,260.00
11/21/14	3PLOTTER	106597	120	33	5	\$105.00
11/21/14	3PLOTTER	170811.0000.2013	14		1	\$21.00
11/21/14	3PLOTTER	140092.0000.2334	23	2	12	\$126.00
11/21/14	3PLOTTER	140092.0000.2334	19	2	5	\$52.50
11/21/14	3PLOTTER	106597	120	33	2	\$42.00
11/21/14	3PLOTTER	201657	2014	01	4	\$84.00
			TOTAL		511	\$5,512.50

HP DESIGN JET 1055 CM

COLOR PLOTTER

WEEK OF _____

PROJECT#	SIZE	COLOR OR B&W	STYLE	QUANTITY	AMOUNT
219149.0000 0000 00005	A B C <u>D</u> E Custom	COLOR B&W	Bond Velum Mylar	20	20 x 10.50 = 2205.00
19 6370.1000.0000 01/6A0	A B C <u>D</u> E Custom	COLOR B&W	Bond Velum Mylar	3	3 x 10.50 = 31.50
11	A B C D <u>E</u> Custom	COLOR B&W	Bond Velum Mylar	2	2 x 21.00 = 42.00
219149.0000 0000 00005	A B C <u>D</u> E Custom	COLOR B&W	Bond Velum Mylar	12	12 x 10.50 = 126.00
183170 / 8/3	A B C <u>D</u> E Custom	COLOR B&W	Bond Velum Mylar	75	75 x 10.50 = 787.50
219149.0000 0000 00005	A B C <u>D</u> E Custom	COLOR B&W	Bond Velum Mylar	60	60 x 10.50 = 630.00
219149.0000 0000 00005	A B C <u>D</u> E Custom	COLOR B&W	Bond Velum Mylar	120	120 x 10.50 = 1260.00
1065 97.120.33	A B C <u>D</u> E Custom	COLOR B&W	Bond Velum Mylar	5	5 x 21.00 = 105.00
170811.0000.2013 ph 14	A B C <u>D</u> E Custom	COLOR B&W	Bond Velum Mylar	1	1 x 21.00 = 21.00
140092.0000.2334 ph 23/t2	A B C <u>D</u> E Custom	COLOR B&W	Bond Velum Mylar	12	12 x 10.50 = 126.00
140092.0000.2334 ph 19/t2	A B C <u>D</u> E Custom	COLOR B&W	Bond Velum Mylar	5	5 x 10.50 = 52.50
106.597.120.33	A B C <u>D</u> E Custom	COLOR B&W	Bond Velum Mylar	2	2 x 21.00 = 42.00
201657.0.0 2014/01	A B C <u>D</u> E Custom	COLOR B&W	Bond Velum Mylar	4	4 x 21.00 = 84.00
	A B C D E Custom	COLOR B&W	Bond Velum Mylar		

TRC ENVIRONMENTAL CORPORATION

FILE NAME: Lowell Postage

UNIT TABLE NAME: LOWELL COST RECOVERY

WE

Unit No.	Project #	Phase	Task	Billing Amt Amount
3POSTAG	196378.1000.0000	1	6A0	\$ 1.40
3POSTAG	140119	2A	3A	\$ 0.48
3POSTAG	228299	9990	0	\$ 1.19
3POSTAG	196378.1000.0000	1	6A0	\$ 0.48
3POSTAG	196981.0001.0000	1	14	\$ 3.50
3POSTAG	198515	62		\$ 1.40
3POSTAG	227040			\$ 7.27
3POSTAG	105146	80		\$ 2.81
3POSTAG	162662	100	0542	\$ 5.44
3POSTAG	180529	100004	2	\$ 1.40
3POSTAG	180329	100004	3	\$ 1.40
				\$ 26.57



Postage Cost Recovery
please write project # everytime

Project Number	Phase	Task	# of Items	\$Costs
OHGENL.0000.0000	990922		1	.48
OHGENL.0000.0000	990922		3	.69
OHGENL.0000.0000	990922		4	.48
196378.0000.0000	000001	640	2	1.40
OHGENL.0000.0000	300251		10	1.15
OHGENL.0000.0000	990922		1	.48
OHGENL.0000.0000	990922		1	\$2.24
OHGENL.0000.0000	300245		1	.48
OHGENL.0000.0000	300245		1	1.40
OHGENL.0000.0000	187956	000007	3	1.61
OHGENL.0000.0000	990910		1	.48
OHGENL.0000.0000	990922		1	.48
210789.0000.0000	000002	1000	3	1.10
140119.0000.0000	000003A	000003A	3	.48
OHGENL.0000.0000	990922		1	\$3.50
OHGENL.0000.0000	990922		1	\$3.50
OHGENL.0000.0000	300251		1	1.40
OHGENL.0000.0000	300251		1	1.61
OHGENL.0000.0000	300251		1	3.50
OHGENL.0000.0000	300251		1	1.40
OHGENL.0000.0000	300251		1	1.19
208299.9990.0000			1	1.19
OHGENL.0000.0000	300245		1	.48
OHGENL.0000.0000	300255		1	1.40
196378.0000.0000	000001	000090	1	.48
OHGENL.0000.0000	990922		1	.48
OHGENL.0000.0000	990922		1	\$2.87
OHGENL.0000.0000	990922		1	.48
195981.0000.0000	000001	000014	1	\$3.50
OHGENL.0000.0000	300245		2	.98
OHGENL.0000.0000	990922		1	\$2.45
OHGENL.0000.0000	300245		1	\$1.40
OHGENL.0000.0000	300255		1	.48

PURCHASING COPY

07-056
PURCHASING CONTRACT #

7
AMENDMENT #

\$3,271,780.25
CONTRACT AMOUNT

N/A
PURCHASE ORDER # & AMOUNT

OSPCD Economic Development
ISSUING DEPARTMENT

10/14/2012 to 10/31/2015
CONTRACT PERIOD

**CITY OF SOMERVILLE
OFFICE OF STRATEGIC PLANNING AND COMMUNITY DEVELOPMENT**

CONTRACT

For: Licensed Site Professional and Environmental Engineering Services for
Kiley Barrel Cleanup Project

With: TRC Environmental Corporation
Wannalancit Mills
650 Suffolk Street
Lowell, MA 01854

Project Contact: N. Scott Buchanan
978-656-3518
Sbuchanan@trcsolutions.com



CITY OF SOMERVILLE, MASSACHUSETTS
BOARD OF ALDERMEN

Docket # 196417

Mayor's Request
Contract

Regular Meeting, March 27, 2014
Item ID 8952

SUMMARY: Requesting approval to extend a contract with TRC to October 31, 2015, for the cleanup of the Kiley Barrel site..

COMPLETE TEXT:

To the Honorable Board:

I respectfully request that your Board vote to approve the extension of a contract with TRC, environmental consulting, to October 31st, 2015.

This contract extension would allow the City of Somerville to proceed with the necessary clean-up of the Kiley Barrel Site in Union Square. This extension will not require additional appropriations.

My staff will be available to answer any questions you may have.

Respectfully submitted,

Joseph A. Curtatone
Mayor

RESULT: APPROVED

APPROVED BY THE BOARD OF ALDERMEN OF THE CITY OF SOMERVILLE, MA, AT A REGULAR MEETING ON THE 27th DAY OF MARCH, 2014.

APPROVED BY THE MAYOR OF THE CITY OF SOMERVILLE, MA, ON THE 1st DAY OF APRIL, 2014.

ATTEST:

John J. Long, City Clerk



Wannalancit Mills
650 Suffolk Street
Lowell, MA 01854

978.970.8600 PHONE
978.455.1995 FAX

www.TRCSolutions.com

TRC Reference Number 196378

March 30, 2015

Amanda Maher
City of Somerville, City Hall
93 Highland Avenue
Somerville, MA 02143

**Subject: Invoice for Soil Excavation and Disposal Period Ending March 17, 2015
For Charges under PO: 20146154, 20147165 and 20147166
City of Somerville Kiley Barrel Cleanup Project**

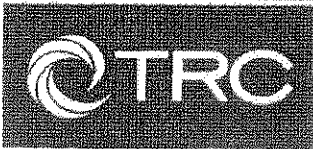
Dear Ms. Maher,

Enclosed please find the invoice for the above-listed period for work included under the following Purchase Orders 20146154, 20147165 and 20147166. Activities performed during this period are described below by PO. The following table is also provided for your ease:

1) **Unit Cost Back-up Breakdown Table** –provides a breakdown of the back-up for the unit costs in the invoices.

OK to pay all 3 invoices.
- Amanda
x2528

①	PO 20146154 (MassDevelopment Funds)		
	Invoice #146115	\$ 57,775.51	47 00 27
	Costs to conduct soil excavation, loading and disposal.		
②	PO 20147165 (Brownfields Grant BF96154001)		
	Invoice #146117	\$ 149,473.67	48 00 15
	Phase - Clean up costs for 9 Milk Place (Account G1M9OQ00)		
	000001 Costs to conduct soil excavation, stabilization, loading and disposal.		
	Phase Clean up costs for 14 Bennett Street (Account G1N1OQ00)		
	000002 Costs to conduct soil excavation, loading and disposal.		
	Phase Clean up costs for 20-22 Prospect Street (Account G1N2OQ00)		
	000003 Costs to conduct soil excavation, loading and disposal.		
③	PO 20147166 (Brownfields Grant BF96168401)		
	Invoice #146111	\$ 192,295.45	48 00 17
	Phase - Clean up costs for 8 Bennett Street (Account G1Q2OQ00)		
	000001 Costs to conduct soil excavation, stabilization, loading and disposal.		
	Phase Clean up costs for 10 Milk Place (Account G1Q3OQ00)		
	000002 Costs to conduct soil excavation, loading and disposal.		



123 Technology Drive
Irvine, CA 92618
949-727-9336

INVOICE

PLEASE REMIT TO:
TRC Lockbox
P. O. Box 636282
Pittsburgh, PA 15253-5904

City of Somerville
City Hall
93 Highland Avenue
Somerville, MA 02143

March 17, 2015
Project No: 196378.2000.0000
Invoice No: 146115
Project Manager: Norman Buchanan

Project 196378.2000.0000 Kiley Barrel - Cleanup

Purchase Order # 20146154

This invoice is for Professional Environmental Consulting Services including soil excavation and disposal activities.

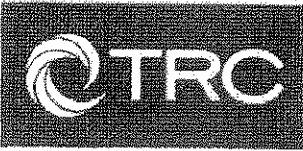
Professional Services through March 17, 2015

Unit Costs 1A - Mass Development

	Units	Unit Price	Cost
Mobilization & Demobilization	4.71% Complete	\$ 133,500.00	\$ 6,287.85
Soil Excavation & Management	57.83 Ton	\$ 23.75 ✓	\$ 1,373.46
Truck Loading	57.83 Ton	\$ 10.50 ✓	\$ 607.22
Type B Soil	57.83 Ton	\$ 84.00 ✓	\$ 4,857.72
Stone	167.145 Ton	\$ 43.00 ✓	\$ 7,187.24
Borow	825.86 Ton	\$ 42.00 ✓	\$ 34,686.12
Demarcation Barrier	2880.00 Sq.Ft.	\$ 0.25 ✓	\$ 720.00
Pest Control	14.29% Complete	\$ 1,070.00 ✓	\$ 152.90
Demurrage	17.785 Hour	\$ 107.00 ✓	\$ 1,903.00
Total Fee			\$57,775.51

Total this Invoice \$57,775.51

TYPE B SOIL BACKUP



123 Technology Drive
Irvine, CA 92618
949-727-9338

INVOICE

PLEASE REMIT TO:
TRC Lockbox
P. O. Box 638282
Pittsburgh, PA 15253-5904

City of Somerville
City Hall
93 Highland Avenue
Somerville, MA 02143

March 23, 2015
Project No: 196378.4000.0000
Invoice No: 146111
Project Manager Norman Buchanan

Project 196378.4000.0000 Kiley Barrel - Cleanup

Purchase Order # 20147166

This invoice is for Professional Environmental Consulting Services at the for Brownfield Grant Number BF96168401 under PO # 20147166. The specific services provided include: environmental oversight of cleanup activities

Professional Services through March 17, 2015

Unit Costs 1A- 8 Bennett St. (BF96168401 - G1Q30Q00)

	Units	Unit Price	Cost
Mobilization & Demobilization	4.71% Complete	\$ 133,500.00	\$ 6,287.85
Soil Excavation & Management	57.83 Ton	\$ 23.75	\$ 1,373.46
Truck Loading	57.83 Ton	\$ 10.50	\$ 607.22
Type B Soil	57.83 Ton	\$ 84.00	\$ 4,857.72
Stone	110.357 Ton	\$ 43.00	\$ 4,745.35
Borow	825.86 Ton	\$ 42.00	\$ 34,686.12
Demarcation Barrier	2880.00 Sq.Ft.	\$ 0.25	\$ 720.00
Pest Control	14.29% Complete	\$ 1,070.00	\$ 152.90
Demurrage	17.785 Hour	\$ 107.00	\$ 1,903.00
Total Fee			\$55,333.62
Total this Phase			\$55,333.62

Unit Costs 2A - 10 Milk Pl. (BF96168401 - G1Q30Q00)

	Units	Unit Price	Cost
Mobilization & Demobilization	4.71% Complete	\$ 133,500.00	\$ 6,287.85
Soil Excavation & Management	57.83 Ton	\$ 23.75	\$ 1,373.46
Truck Loading	57.83 Ton	\$ 10.50	\$ 607.22
Type B Soil	57.83 Ton	\$ 84.00	\$ 4,857.72
Stone	261.648 Ton	\$ 43.00	\$ 11,250.86
Borow	825.86 Ton	\$ 42.00	\$ 34,686.12
Demarcation Barrier	2880.00 Sq.Ft.	\$ 0.25	\$ 720.00

Pest Control	14.29% Complete	\$ 1,070.00	\$ 152.90
Demurrage	17.785 Hour	\$ 107.00	\$ 1,903.00
Total Fee			\$56,803.62

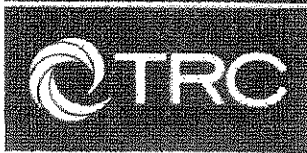
Total this Phase \$56,803.62

Unit Costs 3A -- 20-22 Prospect St.

	Units	Unit Price	Cost
Mobilization & Demobilization	4.71% Complete	\$ 133,500.00	\$ 6,287.85
Soil Excavation & Management	57.83 Ton	\$ 23.75	\$ 1,373.46
Truck Loading	57.83 Ton	\$ 10.50	\$ 607.22
Type B Soil	57.83 Ton	\$ 84.00	\$ 4,857.72
Stone	126.963 Ton	\$ 43.00	\$ 5,459.41
Borrow	825.86 Ton	\$ 42.00	\$ 34,686.12
Demarcation Barrier	2880.00 Sq.Ft.	\$ 0.25	\$ 720.00
Pest Control	14.29% Complete	\$ 1,070.00	\$ 152.90
Demurrage	17.785 Hour	\$ 107.00	\$ 1,903.00
Total Fee			\$56,047.68

Total this Phase \$56,047.68

Total this Invoice \$149,473.67



123 Technology Drive
Irvine, CA 92618
949-727-9336

INVOICE

PLEASE REMIT TO:
TRC Lockbox
P. O. Box 536282
Pittsburgh, PA 15253-5904

City of Somerville
City Hall
93 Highland Avenue
Somerville, MA 02143

March 24, 2015
Project No: 196378.3000.0000
Invoice No: 146117
Project Manager Norman Buchanan

Project 196378.3000.0000 Kiley Barrel - Cleanup

Purchase Order # 20147165

This invoice is for Professional Environmental Consulting Services at the Kiley Barrel Site for Brownfield Grant Number BF96154001 under PO # 20147165. The specific services provided include: soil excavation and disposal activities.

Professional Services through March 17, 2015

Unit Costs 1A- 9 Milk Pl

	Units	Unit Price	Cost
Mobilization & Demobilization	4.71% Complete	\$ 133,500.00	\$ 6,287.85
Soil Excavation & Management	57.83 Ton	\$ 23.75	\$ 1,373.46
Truck Loading	57.83 Ton	\$ 10.50	\$ 607.22
Type B Soil	57.83 Ton	\$ 84.00	\$ 4,857.72
Stone	24.049 Ton	\$ 43.00	\$ 1,034.11
Borrow	468.717 Ton	\$ 42.00	\$ 19,686.11
Demarcation Barrier	2880.00 Sq.Ft.	\$ 0.25	\$ 720.00
Pest Control	14.29% Complete	\$ 1,070.00	\$ 152.90
Demurrage	17.785 Hour	\$ 107.00	\$ 1,903.00
Total Fee			\$36,622.37
Total this Phase			\$36,622.37

Unit Costs 2A - 14 Bennett St.

	Units	Unit Price	Cost
Mobilization & Demobilization	4.71% Complete	\$ 133,500.00	\$ 6,287.85
Soil Excavation & Management	57.83 Ton	\$ 23.75	\$ 1,373.46
Truck Loading	57.83 Ton	\$ 10.50	\$ 607.22
Type B Soil	57.83 Ton	\$ 84.00	\$ 4,857.72
Stone	144.543 Ton	\$ 43.00	\$ 6,215.35
Borrow	825.86 Ton	\$ 42.00	\$ 34,686.12
Demarcation Barrier	2880.00 Sq.Ft.	\$ 0.25	\$ 720.00

Project 196378.3000.0000 Kiley Barrel - Cleanup

Invoice 146117

Pest Control	14.29%	Complete	\$ 1,070.00	\$ 152.90
Demurrage	17.785	Hour	\$ 107.00	\$ 1,903.00
Total Fee				\$56,803.62

Total this Phase \$56,803.62

Unit Costs 3A -- 20-22 Prospect St.

	Units		Unit Price	Cost
Mobilization & Demobilization	4.71%	Complete	\$ 133,500.00	\$ 6,287.85
Soil Excavation & Management	57.83	Ton	\$ 23.75	\$ 1,373.46
Truck Loading	57.83	Ton	\$ 10.50	\$ 607.22
Type B Soil	57.83	Ton	\$ 84.00	\$ 4,857.72
Stone	126.963	Ton	\$ 43.00	\$ 5,459.41
Borrow	825.86	Ton	\$ 42.00	\$ 34,686.12
Demarcation Barrier	2880.00	Sq.Ft.	\$ 0.25	\$ 720.00
Pest Control	14.29%	Complete	\$ 1,070.00	\$ 152.90
Demurrage	17.785	Hour	\$ 107.00	\$ 1,903.00
Total Fee				\$56,047.68

Total this Phase \$56,047.68

Total this Invoice \$149,473.67

Phase
000003

Clean up costs for 264-266 Somerville Avenue (Account G1Q40Q00)
Costs to conduct soil excavation, loading and disposal.

Unit Cost Back-up Breakdown Table				
Invoice/Ticket	Company	Amount	Units	Comments
978063	Waste Management - Turnkey Landfill (Type B Soil)	30.13	Tons	
978107	Waste Management - Turnkey Landfill (Type B Soil)	29.37	Tons	
978146	Waste Management - Turnkey Landfill (Type B Soil)	32.04	Tons	
978381	Waste Management - Turnkey Landfill (Type B Soil)	35.84	Tons	
978382	Waste Management - Turnkey Landfill (Type B Soil)	32.23	Tons	
978488	Waste Management - Turnkey Landfill (Type B Soil)	30.33	Tons	
978493	Waste Management - Turnkey Landfill (Type B Soil)	31.40	Tons	
978628	Waste Management - Turnkey Landfill (Type B Soil)	28.47	Tons	
978630	Waste Management - Turnkey Landfill (Type B Soil)	32.72	Tons	
978744	Waste Management - Turnkey Landfill (Type B Soil)	26.78	Tons	
978754	Waste Management - Turnkey Landfill (Type B Soil)	32.00	Tons	
979132	Waste Management - Turnkey Landfill (Type B Soil)	32.66	Tons	
979252	Waste Management - Turnkey Landfill (Type B Soil)	30.85	Tons	
	<i>Sub Total</i>	404.82	Tons	Spilt between: BF96154001 (14 Bennett St), BF96154001 (20 Prospect Ave), BF96154001 (9 Milk Place), BF96168401 (10 Milk Place), BF96168401 (8 Bennett Street), BF96168401 (264-266 Somerville Avenue) and MassDevelopment (16 Bennett Street) 57.83 tons each.



117844911	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	23.47	Tons	
117844921	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	24.04	Tons	
117844928	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	24.96	Tons	
117845378	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	34.26	Tons	
117845411	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	25.16	Tons	
117845407	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	35.07	Tons	
117845365	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	32.62	Tons	
117845366	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	35.38	Tons	
117845379	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	35.71	Tons	
117845390	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	34.01	Tons	
117845391	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	34.89	Tons	
117845423	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	35.45	Tons	
117845421	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	33.67	Tons	
117846430	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	25.28	Tons	
117845406	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	33.99	Tons	
117846438	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	33.98	Tons	
117845444	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	33.78	Tons	
117845453	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	34.34	Tons	
117845455	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	33.18	Tons	
117845459	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	32.80	Tons	
117845468	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	32.71	Tons	



117845469	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	34.04	Tons	
117845470	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	32.86	Tons	
117845476	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	31.89	Tons	
117845483	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	34.84	Tons	
117845484	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	32.32	Tons	
117845492	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	33.42	Tons	
117845493	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	34.35	Tons	
117845494	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	33.95	Tons	
117845437	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	33.09	Tons	
117845693	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	31.85	Tons	
117845607	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	33.44	Tons	
117845593	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	32.33	Tons	
117845590	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	32.37	Tons	
117845579	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	33.57	Tons	
117845589	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	34.94	Tons	
117845592	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	34.27	Tons	
117845562	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	34.59	Tons	
117845560	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	33.87	Tons	
117845571	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	33.70	Tons	
117845601	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	34.34	Tons	
117845610	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	33.89	Tons	

117845724	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	30.41	Tons	
117845778	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	31.77	Tons	
117845788	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	36.02	Tons	
117845789	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	33.10	Tons	
117845773	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	34.46	Tons	
117845770	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	34.61	Tons	
117845758	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	30.39	Tons	
117845757	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	32.62	Tons	
117845756	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	35.95	Tons	
117845751	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	34.24	Tons	
117845723	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	32.43	Tons	
117845722	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	35.92	Tons	
117845785	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	35.30	Tons	
117845775	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	33.95	Tons	
117845728	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	33.23	Tons	
117845797	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	33.35	Tons	
117845801	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	31.49	Tons	
117845802	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	31.95	Tons	
117845829	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	30.52	Tons	
117845836	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	32.99	Tons	
117845844	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	32.16	Tons	



117845852	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	31.08	Tons	
117845863	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	31.62	Tons	
117845922	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	33.41	Tons	
117845876	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	34.50	Tons	
117845895	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	34.30	Tons	
117845875	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	32.59	Tons	
117845901	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	33.03	Tons	
117845923	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	32.61	Tons	
117846892	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	33.57	Tons	
117846093	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	31.72	Tons	
117846101	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	32.02	Tons	
117846102	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	31.43	Tons	
117846110	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	34.72	Tons	
117846111	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	31.61	Tons	
117846119	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	33.07	Tons	
117846130	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	30.43	Tons	
117846191	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	27.42	Tons	
117846196	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	32.66	Tons	
117846192	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	31.99	Tons	
117846170	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	33.06	Tons	
117846168	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	33.19	Tons	



117846158	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	32.32	Tons	
117846156	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	32.31	Tons	
117846150	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	30.41	Tons	
117846144	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	30.95	Tons	
117846141	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	27.42	Tons	
117846277	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	31.41	Tons	
117846276	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	34.27	Tons	
117846275	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	32.61	Tons	
117846264	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	31.73	Tons	
117846301	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	30.88	Tons	
117846302	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	32.79	Tons	
117846304	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	34.05	Tons	
117846313	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	33.91	Tons	
117846280	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	34.54	Tons	
117846281	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	30.49	Tons	
117846285	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	32.80	Tons	
117846293	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	31.60	Tons	
117846298	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	33.92	Tons	
117846239	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	33.34	Tons	
117846244	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	31.62	Tons	
117846245	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	28.55	Tons	



117846246	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	34.00	Tons	
117846259	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	32.82	Tons	
117846261	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	31.49	Tons	
117846262	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	29.90	Tons	
117846263	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	34.08	Tons	
117846249	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	30.60	Tons	
117846346	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	34.41	Tons	
p.113	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	34.04	Tons	
117846341	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	32.70	Tons	
117846340	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	33.91	Tons	
117846339	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	34.75	Tons	
117846338	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	33.99	Tons	
117846335	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	33.10	Tons	
117846334	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	33.39	Tons	
117846333	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	33.91	Tons	
117846332	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	34.02	Tons	
117846328	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	32.75	Tons	
117846327	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	33.82	Tons	
117846326	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	34.03	Tons	
117846324	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	35.27	Tons	
117846317	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	33.45	Tons	



117846316	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	32.89	Tons	
117846314	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	33.91	Tons	
117846315	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	33.20	Tons	
117846433	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	32.37	Tons	
117846432	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	32.99	Tons	
117846425	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	34.38	Tons	
117846424	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	34.85	Tons	
117846423	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	34.33	Tons	
117846416	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	32.62	Tons	
117846414	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	31.84	Tons	
117846411	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	33.25	Tons	
117846410	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	34.74	Tons	
117846409	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	34.54	Tons	
117846393	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	32.55	Tons	
117846392	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	34.51	Tons	
117846391	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	32.06	Tons	
117846390	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	35.89	Tons	
117846382	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	32.73	Tons	
117846376	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	30.51	Tons	
117846375	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	33.64	Tons	
117846374	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	34.66	Tons	



117846373	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	34.21	Tons	
117846358	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	34.94	Tons	
117846357	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	32.23	Tons	
117846353	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	33.64	Tons	
117846352	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	34.42	Tons	
117846351	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	32.66	Tons	
117846481	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	31.99	Tons	
117846479	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	33.28	Tons	
117846473	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	35.34	Tons	
117846469	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	33.97	Tons	
117846466	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	34.54	Tons	
117846465	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	32.03	Tons	
117846464	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	33.76	Tons	
117846457	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	33.49	Tons	
117846456	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	34.18	Tons	
117846451	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	33.83	Tons	
117846450	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	31.55	Tons	
117846444	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	34.30	Tons	
117846443	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	34.59	Tons	
117846441	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	33.72	Tons	
117846572	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	32.61	Tons	



117846581	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	29.53	Tons	
117846586	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	31.11	Tons	
117846592	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	30.54	Tons	
117846595	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	31.03	Tons	
117846596	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	32.40	Tons	
117846604	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	31.45	Tons	
117846606	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	30.96	Tons	
117846607	Aggregate Industries Stone (3/4" Dense Graded) - Borrow	34.37	Tons	
	<i>Sub-Total</i>	5781.04	Tons	<i>Spill between: BF96154001 (14 Bennett St) 825.86 tons, BF96154001 (20 Prospect Ave) 825.86 tons, BF96154001 (9 Milk Place) 468.717 tons, BF96168401 (10 Milk Place) 825.86 tons, BF96168401 (8 Bennett Street) 825.86 tons, BF96168401 (264-266 Somerville Avenue) 1183 tons and Mass Development (16 Bennett Street) 825.86 tons.</i>
117846191	Aggregate Industries Stone (1&1/2" Dense Graded) - Stone	33.66	Tons	
117846172	Aggregate Industries Stone (1&1/2" Dense Graded) - Stone	32.93	Tons	
117846159	Aggregate Industries Stone (1&1/2" Dense Graded) - Stone	30.05	Tons	
117846147	Aggregate Industries Stone (1&1/2" Dense Graded) - Stone	30.93	Tons	
117846489	Aggregate Industries Stone (1&1/2" Dense Graded) - Stone	34.50	Tons	
117846438	Aggregate Industries Stone (1&1/2" Dense Graded) - Stone	34.01	Tons	
117846439	Aggregate Industries Stone (1&1/2" Dense Graded) - Stone	29.99	Tons	



117846454	Aggregate Industries Stone (1&1/2" Dense Graded) - Stone	34.08	Tons	
117846483	Aggregate Industries Stone (1&1/2" Dense Graded) - Stone	33.66	Tons	
117846488	Aggregate Industries Stone (1&1/2" Dense Graded) - Stone	32.02	Tons	
117846498	Aggregate Industries Stone (1&1/2" Dense Graded) - Stone	33.07	Tons	
117846500	Aggregate Industries Stone (1&1/2" Dense Graded) - Stone	31.42	Tons	
117846501	Aggregate Industries Stone (1&1/2" Dense Graded) - Stone	33.90	Tons	
117846502	Aggregate Industries Stone (1&1/2" Dense Graded) - Stone	32.98	Tons	
117846504	Aggregate Industries Stone (1&1/2" Dense Graded) - Stone	33.92	Tons	
109490005	Aggregate Industries Stone (1&1/2" Dense Graded) - Stone	33.09	Tons	
109490012	Aggregate Industries Stone (1&1/2" Dense Graded) - Stone	33.76	Tons	
109490015	Aggregate Industries Stone (1&1/2" Dense Graded) - Stone	31.90	Tons	
109490027	Aggregate Industries Stone (1&1/2" Dense Graded) - Stone	35.35	Tons	
109490029	Aggregate Industries Stone (1&1/2" Dense Graded) - Stone	34.32	Tons	
109490035	Aggregate Industries Stone (1&1/2" Dense Graded) - Stone	32.61	Tons	
109490037	Aggregate Industries Stone (1&1/2" Dense Graded) - Stone	31.85	Tons	
109490043	Aggregate Industries Stone (1&1/2" Dense Graded) - Stone	35.40	Tons	
109490045	Aggregate Industries Stone (1&1/2" Dense Graded) - Stone	34.80	Tons	
109490055	Aggregate Industries Stone (1&1/2" Dense Graded) - Stone	31.99	Tons	
109490056	Aggregate Industries Stone (1&1/2" Dense Graded) - Stone	33.04	Tons	
109490058	Aggregate Industries Stone (1&1/2" Dense Graded) - Stone	36.03	Tons	
109490067	Aggregate Industries Stone (1&1/2" Dense Graded) - Stone	35.26	Tons	



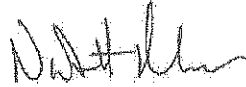
109490071	Aggregate Industries Stone (1&1/2" Dense Graded) - Stone	35.75	Tons	
109490076	Aggregate Industries Stone (1&1/2" Dense Graded) - Stone	33.06	Tons	
109490080	Aggregate Industries Stone (1&1/2" Dense Graded) - Stone	34.86	Tons	
109490087	Aggregate Industries Stone (1&1/2" Dense Graded) - Stone	32.62	Tons	
109490088	Aggregate Industries Stone (1&1/2" Dense Graded) - Stone	34.26	Tons	
109490092	Aggregate Industries Stone (1&1/2" Dense Graded) - Stone	35.38	Tons	
109490094	Aggregate Industries Stone (1&1/2" Dense Graded) - Stone	33.55	Tons	
	<i>Sub Total</i>	1170.00	Tons	<i>Spilt between: BF96154001 (14 Bennett St) 144.543 tons, BF96154001 (20 Prospect Ave) 126.963 tons, BF96154001 (9 Milk Place) 24.049 tons, BF96168401 (10 Milk Place) 261.648 tons, BF96168401 (8 Bennett Street) 110.357 tons, BF96168401 (264-266 Somerville Avenue) 221.734 tons and MassDevelopment (16 Bennett Street) 167.145 tons.</i>
66660	Wait time (demurrage)	1.00	hours	
65584	Wait time (demurrage)	2.00	hours	
66252	Wait time (demurrage)	9.00	hours	
67470	Wait time (demurrage)	1.50	hours	
67295	Wait time (demurrage)	60.00	hours	
66711	Wait time (demurrage)	1.50	hours	
66700	Wait time (demurrage)	3.00	hours	
66660	Wait time (demurrage)	3.00	hours	
67767	Wait time (demurrage)	15.00	hours	
67768	Wait time (demurrage)	19.50	hours	
67769	Wait time (demurrage)	9.00	hours	
	<i>Sub Total</i>	124.50	hours	<i>Spilt between: BF96154001 (14 Bennett St), BF96154001 (20 Prospect Ave), BF96154001 (9 Milk Place), BF96168401 (10 Milk Place), BF96168401 (8 Bennett Street), BF96168401 (264-266 Somerville Avenue) and</i>



			MassDevelopment (16 Bennett Street) 17.785 hours each.
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Please feel free to contact me with any questions.

Sincerely,
TRC Environmental



N. Scott Buchanan.
Project Manager

Enclosures:

Invoices for project numbers:

Invoice #146115 for PO#20146154_MassDevelopment Funds

Invoice #146117 for PO#20147165 Brownfields Grant BF96154001

Invoice #146111 for PO#20147166 Brownfields Grant BF96168401

