August 5, 2014

Ms. Nichole English
Department of Public Works
Cuyahoga County
2100 Superior Viaduct
Cleveland, OH 44113

David V. Lewin Corp.
GEOTECHNICAL ENGINEERING
SUITE 340
CAXTON BUILDING
812 HURON ROAD
CLEVELAND, OHIO
44115-1126

Re: Geotechnical Services
Proposed Cuyahoga County Convention Center Hotel
Ontario Street and Lakeside Avenue
Cleveland, Ohio
DVL Job No.: C. 7170
Your Contract No. CE 00535
Invoice No. 9

Consultations During Construction for July of 2014

Service	Hours	Rate	Total
Senior Consultant-	1.5	250.00	375.00
Principal Engineer....	1	152.00	152.00
Project Engineer....	15.5	115.00	1,782.50
Technician....	75	52.00	3,900.00
Technician OT....	13	69.16	899.08

Reviewed for Payment:
Eric Hinze 8/14/14
Project Management Consultants

TOTAL: $7,108.58

(Seven thousand one hundred eight dollars and fifty eight cents)

PHONE: (216) 696-8151
FAX: (216) 696-8154

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Re: Geotechnical Services
Proposed Cuyahoga County Convention Center Hotel
Ontario Street and Lakeside Avenue
Cleveland, Ohio
DVL Project No. C. 7170
Your Contract No. CE00535

Dear Ms. English:

Our personnel have been on site observing and monitoring repair of caisson M-8.2 by Hayward Baker. Our personnel have also been on site to observe footing excavations and backfilling of utility trenches and elevator pits. A summary of our time is attached.

Our tasks are stated in our November 5, 2013, January 10 and February 13 and 20, 2014 letters, our cost estimates were broken down by the following tasks including the groundwater study: Addendum No. 1 authorized services during construction.

Task		*Estimate*	*Billed*	*Balance*	*Date*	*Paid*
Soil drilling and piezometer installation and co-ordination		$43,000.00	$43,000	$0.00	12/10/2013	$43,000.00
Laboratory testing		$9,000.00	$9,000	$0.00	1/3/2013	$9,000.00
Meetings, 16 hours @ $152/hour		$2,400.00	$1,520	$880.00	1/3/2013	$1,520.00
Engineering Analysis and Report Preparation		$13,500.00	$13,500	$0.00	1/3/2013	$13,500.00
Drilling and laboratory testing after building demolition		$2,700.00	N/A	$2,700.00	N/A	N/A
Meetings and coordination			3,874.50		2/14/2014	
Groundwater Study			2,430.00		2/14/2014	
Total			6,304.50			$6,304.50
Meetings and coordination			$3,248.00		3/6/2014	
Earthwork Monitoring			$1,841.06		3/6/2014	
Total			$5,089.06			$5,089.06
Meetings and consultations			$764.00		4/2/2014	
Earthwork Monitoring			$1,753.98		4/2/2014	
Caissons and Pre-coring			$7,676.70		4/2/2014	
Total			$10,194.68			$10,194.58
Contigency		$20,000.00				
Addendum No. 1		$76,913.00				
Consulations and Caisson Monitoring			$18,646.50		5/5/2014	$18,646.50
Consulations and Caisson Monitoring			$22,273.50		6/3/2014	$22,273.50
Consulations and Caisson Monitoring			$13,328.00		7/7/2014	$13,328.00
Consultations; footing and backfill monitoring			$7,108.58		8/5/2014	
Total		**$167,513.00**	**$149,964.82**	**$17,548.18**		**$142,856.14**

Available balance includes the amount authorized by Addendum No.1.

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Do not hesitate to call if you need clarification or have any questions concerning the above.

Sincerely yours,
DAVID V. LEWIN CORP.

Duane J. Schreiber, P.E.

DJS
Att.

C. 7170 Cuyahoga County Convention Center Hotel

		July 2014			Hours						
Date	Subject	Remarks	Senior Engineer	Principal Engineer	Project Engineer	Geologist	Senior Technician	Technician	Draftsman	Laboratory Technician	Clerical
7/1/2014	Caisson M-8.2	Reviewed data			1.5						
7/3/2014	Caisson M-8.2	Reviewed data and prepared memo	1		3						
7/7/2014	Footings	Meeting at Turner's office			3.5						
7/9/2014	Footings	Observed footing excavation						4			
7/10/2014	Caisson M-8.2	Observed caisson repaiir			4						
7/14/2014	Footings	Observed footing excavation						2.5			
7/15/2014	Footings	Observed footing excavation						1.5			
7/17/2014	Footings	Observed footing excavation						1.5			
7/21/2014	Footings	Discussed w/Turner diff. grade and footings			0.5						
7/22/2014	Footings							4.5			
7/23/2014	Backfilling and Footings	Observed foot excavation and utility backfill						8			
7/24/2014	Backfilling and Footings	Observed foot excavation and utility backfill						10			
7/25/2014	Caisson final letter	Assemble caisson data			2						
7/25/2014	Backfilling and Footings							8			
7/26/2014	Backfilling and Footings	Observed foot excavation and utility backfill						8			
7/28/2014	Backfilling and Footings	Observed foot excavation and utility backfill						8			
7/29/2014	Caisson final letter	Prepared letter	0.5	1				8			
7/29/2014	Backfilling and Footings	Observed foot excavation and utility backfill						9			
7/30/2014	Backfilling and Footings	Observed foot excavation and utility backfill			0.5			10			
7/31/2014	Floor underdrain and gas collection	Discussed stone size with design team			0.5						
7/31/2014	Backfilling and Footings	Observed foot excavation and utility backfill						5			
			1.5	1	15.5			88			