

**FIRST AMENDMENT
PHASE II ENVIRONMENTAL SERVICES
BACK OF THE YARDS HIGH SCHOOL
PROJECT NO.: 05150
CONTRACT NUMBER PS 1768**

THIS FIRST AMENDMENT AGREEMENT is made and entered into as of the 26th day of February, 2010, and shall be deemed and taken as forming a part of the Agreement for Phase II Environmental Services for Back of the Yards High School ("Agreement by and between the **PUBLIC BUILDING COMMISSION OF CHICAGO**, a municipal corporation of the State of Illinois ("Commission") and **GSG CONSULTANTS, INC.** ("Consultant") dated December 7, 2009 with the like operation and effect as if the same were incorporated therein.

WITNESSETH:

WHEREAS, the Commission and Consultant have heretofore entered into an Agreement dated the 7th day of December, 2009, wherein the Consultant is to provide Phase II Environmental Services for the Board of Education for the City of Chicago; and

WHEREAS, the Commission and Consultant now desire to amend the Agreement to include additional Services performed and associated compensation due to Consultant;

NOW THEREFORE, in consideration of the provisions and conditions set forth in the Agreement and herein, the parties hereto mutually agree to amend the Agreement as hereinafter set forth.

It is agreed by and between the parties hereto that the sole modification of, changes in, and amendments to the Agreement pursuant to this Amendment are as follows:

TERMS

1. Recitals

THE ABOVE RECITALS ARE EXPRESSLY INCORPORATED IN AND MADE A PART OF THE AMENDMENT AGREEMENT AS THOUGH FULLY SET FORTH HEREIN.

2. Schedule A Scope of Services is amended to include additional services required for Back of the Yards High School to perform Phase II Environmental Services. The scope for this service is detailed in Attachment A to this Amendment 1.

3. Schedule C Compensation of the Consultant is revised as follows:

C.1 The Consultant shall be paid the not to exceed amount of **\$28,960.00** for the additional services outlined in Attachment B of this Amendment 1.

The Not to Exceed Fee is increased to a total of **\$238,480.00**.

Execution of this Amendment by the Consultant is duly authorized by the Consultant, and the signature(s) of each person signing on behalf of the Consultant have been made with the complete and full authority to commit the Consultant to all terms and conditions of this Amendment.

All capitalized terms not defined herein shall have the meaning ascribed to them in the agreement. Except as and to the extent that the terms of the Agreement are amended and modified herein, all terms of the Agreement shall remain in force and effect.

The terms of the Agreement remain and full force and effect except as modified in this Amendment.

(Signature Page follows)

IN WITNESS WHEREOF, the parties hereto have agreed and executed this Amendment No. 1.

PUBLIC BUILDING COMMISSION
OF CHICAGO

BY: [Signature] Date: 3/10/10
Erin Lavin Cabonargi
Executive Director

ATTEST:
BY: [Signature] Date: 3/11/10
Edrick C. Johnson
Secretary

GSG CONSULTANTS, INC.
By: [Signature] Date: 03-04-10
President

AFFIX CORPORATE

SEAL, IF ANY, HERE

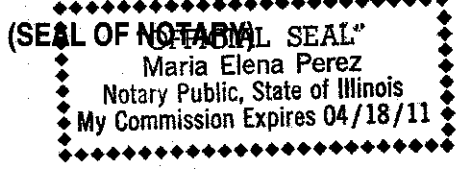
County of: Cook

State of: Illinois

Subscribed and sworn to before me by President and Vice President
on behalf of Consultant this 04th day of March, 20 10.

[Signature]
Notary Public

My Commission expires: 04-18-2011



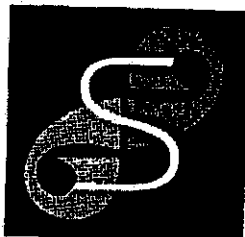
Approved as to form and legality

[Signature] Date: 3-8-10
Neal & Leroy, LLC

**ATTACHMENT A
SCOPE OF WORK
PHASE II ENVIRONMENTAL SERVICES
BACK OF THE YARDS HIGH SCHOOL
PROJECT NO.: 05150
CONTRACT NUMBER PS 1768**

(SCOPE OF WORK FOLLOWS THIS PAGE)

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GSG CONSULTANTS, INC.

855 West Adams, Suite 200
Chicago, Illinois 60607
tel: 312.733.6262 • fax: 312.733.5612

December 18, 2009

Mr. Ariel Vaca
Project Manager
Public Building Commission of Chicago
50 West Washington Street, Room 200
Chicago, IL 60602

Amendment # 1
Back of the Yard High School PS1768
Chicago, IL

Dear Mr. Vaca:

As per your request, GSG Consultants, Inc. (GSG) is pleased to submit this proposal to provide additional environmental site assessment and ground penetration radar at the above referenced project. The additional services include performing the followings:

- Task 1 – Conduct Ground Penetration Radar
- Task 2 – Complete Supplemental Site Investigation for CSI Report

The following provides detailed description of GSG's approach

Task 1- Ground Penetration Radar

GSG will conduct ground penetration radar to determine the potential presence of underground buried underground storage tanks and other objects. The survey will include accessible areas of Roll & Roll property. This includes the warehouse building and storage yard. GSG will also complete the ground penetration radar in the Junk yard area. GSG will prepare a summary letter and site plan showing the location of anomalies detected at both properties. GSG will use the survey data during the test pit investigations.

Task 2 – Complete Supplemental Site Investigation

GSG will conduct a supplemental site investigation to delineate the vertical and horizontal extent of impacted soil present at the site in accordance with the Illinois EPA Site Remediation Program requirements. GSG will utilize the results of previous site investigation to cover all data gaps. The scope of work includes advancing a total of 24 soil borings to depths ranging between 6 and 12 feet. The attached table provides proposed location and depth of the proposed soil borings. GSG will contact DIGGER at least 48-hours prior to performing the field investigation to locate underground utilities at the site. We will also prepare a site specific Health and Safety Plan (HASP) prior to starting the supplemental site investigation.

PROPOSED SOIL BORING ID/ Depth feet)	CHEMICAL ANALYSIS (COC)	CHEMICAL ANALYSIS (CONTAMINANTS OF CONCERN)
NORTH PARCEL (2101 W. 47th Street)		
SB6A / 3-4 (arsenic) and 9-10 and 13-15	PNAs, Arsenic, Lead	Vertical Delineation (1 Boring) PNAs, Arsenic, Lead above Tier 1 at 6-7 ft for the ingestion exposure route. Sample from 3-4 feet to determine the vertical extent of arsenic. Sample at depth of 13-15 feet will be analyzed only if the result of sample from 9-10 exceed Tier 1 SROs.
SB6B, C and D 2-3 and 6-7 feet	Arsenic	Delineate extent of soil exceeding Tier 1 for inhalation exposure route. Samples from 6-7 feet will be analyzed only if samples from 2-3 feet exceed the Tier 1 SROs for the inhalation exposure route.
SB8A / 3-4 and 5-6 feet SB8 B, C, and D 3-4 and 5-6	Arsenic	Vertical Delineation for the inhalation exposure route. Samples at depth of 5-6 feet will be analyzed only if the result of sample from 3-4 exceed Tier 1 SROs. Borings B, C, and C will be used to delineate the lateral extent of soil exceeding the Tier 1 for the inhalation exposure route. Samples at depth of 5-6 feet will be analyzed only if the result of sample from 3-4 exceed Tier 1 SROs.
SB9A/ 8-9 SB9B	Benzene (Inhalation)	Vertical Delineation (1 Boring) Benzene above Tier 1 at 5-6 ft. Horizontal Delineation of BTEX to West (1 Boring). Samples at 5-6 and 8-9 ft. Lower samples will be analyzed only if the top sample exceeds the Tier 1 SROs for the inhalation exposure route.
SB 10 A between 10 and 11 3 samples 2-3, 5-6, and 8-9 ft	PCBs, PNAs, Lead and Arsenic	Lower samples will be analyzed only if the top samples exceed the Tier 1 SROs for the any of the exposure route.
SB11A/ 9-10 and 13-15 ft	Lead, Selenium, and PNAs	Vertical Delineation (1 Boring) Lead, Selenium and PNAs above Tier 1 at 6-7 ft. Lower samples will be analyzed only if the samples from 9-10 feet exceed the Tier 1 SROs for the ingestion exposure route.
SB12A/ 8-9 and 13-15 ft	PNAs	Vertical Delineation (1 Boring) PNAs above Tier 1 at 5-6 ft. Lower sample will be analyzed only if the sample from 8-9 feet exceeds the Tier 1 SROs for the ingestion exposure route.
SB13A/ 13-15	Lead	Vertical Delineation (1 Boring) Lead above Tier 1 at 8-9 ft for the ingestion exposure route.



PROPOSED SOIL BORING ID/Depth feet)	CHEMICAL ANALYSIS (COC)	CHEMICAL ANALYSIS (CONTAMINANTS OF CONCERN)
SB26A/ 8-9 and 13-15 ft	Lead, Selenium	Vertical Delineation (1 Boring) Selenium, Lead above Tier 1 at 5-6 ft. Lower samples will be analyzed only if the samples from 8-9 feet exceed the Tier 1 SROs for the ingestion exposure route.
SB25A/11-12	PNA	Vertical Delineation (1 Boring) PNAs above Tier 1 at 8-9 ft
SB22A/ 5-6 and 9-10 ft	PCBs	Vertical Delineation (1 Boring) PCBs above Tier 1 at 2-3 ft. Sample from 9-10 will be analyzed only if sample from 5-6 exceed the Tier 1 SROs.
SB27A/ 5-6 and 9-10 ft	PCBs	Vertical Delineation (1 Boring) PCBs above Tier 1 at 2-3 ft. Sample from 9-10 will be analyzed only if sample from 5-6 exceed the Tier 1 SROs.
SB33A/ 5-6 and 9-10 ft	PCBs	Vertical Delineation (1 Boring) PCBs above Tier 1 at 2-3 ft. Sample from 9-10 will be analyzed only if sample from 5-6 exceeds the Tier 1 SROs.
SB36A/8-9 SB36 A/3-4 SB36 B, C, D	PNAs Lead Lead and PCBs	Vertical Delineation (1 Boring) PNAs above Tier 1 at 5-6 ft. Sample from 3-4 feet will be analyzed for total and TCLP lead. For SB36, B, C, and D, samples will be collected at 1-2 and 5-6 ft since no samples were collected from the junk yard area. Lower samples will be analyzed only if top samples exceed the Tier 1 SROs. Budget includes 2 additional TCLP for lead if total lead is higher than samples collected previously.



Mr. Ariel Vaca
 Back of the yard School
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SOUTH PARCEL (4752 S Hoyne Street)		
B3A/7-8	Arsenic	Vertical Delineation (1 Boring) Arsenic above Tier 1 at 5-6 ft
B6A, B, C, and D / B6A 3-4 B6B, C, and D 2-3, 3-4, and 5-6 ft	PCBs	Horizontal and vertical delineation. Lower samples will be analyzed only if the top samples exceed the Tier 1 SROs.
B-5, B-7, and B-8 1-2 and 3-4 feet	TCLP RCRA metals	Total lead is high with no TCLP results. Lower samples will be analyzed only if the top sample results exceed the hazardous waste characteristics.
B10A/11-12 and 13-15 ft B10 B, and C	VOCs (Class I GW) only of constituents detected)	Vertical and horizontal delineation VOCs exceed Class I GW. IEPA requires vertical and horizontal delineation prior to excluding pathway.
B15A/ 9-10 and 13-15 ft B15B, C, D, E, F, / 7-8, 9-10, and 11-15	VOCs (Inhalation)	Vertical Delineation (1 Boring) VOCs (inhalation) above Tier 1 at 7-8 ft Horizontal and vertical delineation. Lower samples will be analyzed only if the top samples exceed the Tier 1 SROs.
B16A/ 9-10 and 13-15	Arsenic	Vertical delineation for the ingestion exposure route. Previous sample from 6-7 feet exceed the Tier 1 SROs. Lower sample will be analyzed only if the top sample exceed the Tier 1 SROs.

SCHEDULE

GSG understands that time is of the essence for this project. GSG will coordinate the project activities with the PBCC's for site access. We will issue a report within 2 weeks of completing the site activities.

BUDGET

GSG's budget to complete the work outlined in this proposal is \$ 28,960. The attached table provides break-down of GSG's budget.

Should you have any questions regarding our proposal, please feel free to call me at (312) 733-6262.

Sincerely,

GSG CONSULTANTS, INC.

Ala E Sassila
 Ala E Sassila, Ph.D., P.E.
 Vice President



**ATTACHMENT B
SCHEDULE OF COST
PHASE II ENVIRONMENTAL SERVICES
BACK OF THE YARDS HIGH SCHOOL
PROJECT NO.: 05150
CONTRACT NUMBER PS 1768**

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(SCHEDULE OF COST PAGE COMPLETED BY CONSULTANT FOLLOWS THIS PAGE)

Amendment # 1
PHASE II ENVIRONMENTAL SERVICES AND ENVIRONMENTAL DESIGN SERVICES
BACK OF THE YARDS AREA HIGH SCHOOL - PS1768

Task Item	Quantity		Unit Cost	Subtotal	Total
PHASE II ENVIRONMENTAL SERVICES					
Ground Penetration Radar					
Field Testing	2	Lump Sum	\$1,800	\$3,600.00	
Data Review and Interpretation	1	Lump Sum	\$1,500	\$1,500.00	
Total of Task I					\$5,100.00
Task II -- CSI Delineation					
Mobilization	1	Lump Sum	\$400	\$400.00	
Drilling Services (Geoprobe)	3	Lump Sum	\$1,800	\$5,400.00	
Sampling Plan and Field Sampling	48	Hour	\$70	\$3,360.00	
Analytical Testing	1	Estimate	\$12,000	\$12,000.00	
Boring Log and Summary Report	1	Lump Sum	\$2,200	\$2,200.00	
Field Expense, Etc	1	Lump Sum	\$500	\$500.00	
Total of Task II					\$23,860.00
Total Amendment # 1					\$28,960.00