

## CONSULTANT CONTRACT AMENDMENT NO.2

Consultant: Padre Associates, Inc.  
Client: Milpitas Unified School District  
Project: McCandless Drive TK-6 School Site  
Project No.: 1301-1275

Proposal Date: 11/11/15  
P.O. #: 621497  
Amendment Date: 08/18/16

### Project Description:

McCandless Drive TK-6 School Site - Implementation of Removal Action Workplan  
MUSD P.O.#621497

### Description of Scope of Services Amendment:

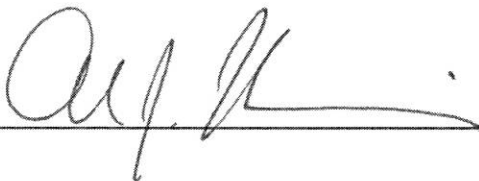
#### COST

No. 1 - Removal of rocks and debris from bio-cell:	
a. American Integrated Services (Contractor)	\$44,245
b. Padre Associates, Inc.	<u>\$9,460</u>
	Subtotal: \$53,705
No. 2 - Additional watering vents and water source	
a. American Integrated Services (Contractor)	\$55,690
b. Padre Associates, Inc.	<u>\$3,824</u>
	Subtotal: \$59,514
No. 3 - Lime treatment to raise soil pH:	
a. American Integrated Services (Contractor)	\$8,055
b. Padre Associates, Inc.	<u>\$2,042</u>
	Subtotal: \$10,097
No. 4 - DTSC change to ISM sampling plan:	
a. American Integrated Services (Contractor)	\$14,878
b. Padre Associates, Inc.	<u>\$7,902</u>
	Subtotal: \$22,780
	<b>Total: \$146,096</b>

Original Contract amount .....	\$290,000
Sum of previous contract amendments.....	\$111,362
Contract amount prior to this contract amendment.....	\$401,362
Amount of this contract amendment.....	<u>\$146,096</u>

**NEW CONTRACT AMOUNT Including this contract amendment.....** \$547,458

Alan J. Klein  
Consultant Name/Signature



Date: 8-18-16

District Name/Signature

Date: \_\_\_\_\_



ENGINEERS, GEOLOGISTS & ENVIRONMENTAL SCIENTISTS

August 18, 2016

Proposal Number: 1301-1275

Mr. Joe Flatley, Director of Facilities and Modernization  
Milpitas Unified School District  
1331 East Calaveras Blvd.  
Milpitas, CA 95035

Subject: *Remedial Action Amendment No.2* for the New TK-6 School Site, McCandless Drive, Milpitas, Santa Clara County, California

Dear Mr. Flatley:

Padre Associates, Inc. (Padre) has prepared for Milpitas Unified School District (District) the following *Remedial Action Amendment No.2* for implementing planned remedial actions for the new TK-6 school site, located on McCandless Drive, Milpitas, Santa Clara County, California (Project Site).

The remedial actions are documented in the Padre prepared report titled: Removal Action Workplan (RAW), New TK-6 School Site, McCandless Drive, Milpitas, Santa Clara County, California (Site Code: 204264), February 2016.

The following changes to the scope of services provided are summarized below followed by a cost summary.

### **CHANGES TO SCOPE OF SERVICES**

#### **Item No.1 – Removal of Rocks, Concrete, and Debris from Bio-cell.**

Numerous large rocks, chunks of concrete and various debris (pvc piping, scrap metal, wood, etc.) were encountered during the construction and grading of the bio-cell. Based on eleven (11) test pits previously conducted by Cornerstone Earth Group and observed by Padre, the size and amount of debris was not identified. Therefore the cost to remove this material was not accounted for in the contractors bid documents. The contractor's costs are presented in the AIS change order #1. Associated costs for Padre included onsite field observations and air monitoring.

#### **Item No.2 – Additional Site Watering Events.**

The contractor request for proposal (RFP), stated that the bio-cell would require watering every ten (10) days. Based on site conditions during the implementation of the bioremediation project it was determined that the soil would need to be watered approximately every five (5) days. Therefore, and additional 10 water events were added to the schedule. The contractor's costs are presented in the AIS change order #2.

**Item No.3 – Lime Treatment to Raise Soil pH Levels.**

After the completion of two months of bioremediation activities, Padre collected soil pH measurements from within the bio-cell. The average soil pH was approximately 6.0. The optimum soil pH for the bacteria breaking down PCBs in soil is approximately 7.0 to 8.0. Therefore, approximately 16 tons of agricultural lime product was added to the bio-cell to raise the soil pH levels. The contractor's costs are presented in the AIS change order #3.

**Item No.4 – DTSC Change to Sampling Plan.**

The Department of Toxic Substances Control (DTSC) contacted Padre after the start of remediation activities to discuss a change to the confirmation sampling plan at the completion of remediation activities. The original plan was to collect 90 samples. DTSC is requesting the collection of 240 samples from the bio-cell. The contractor's costs are presented in the AIS change order #4.

If you have any questions or require additional information, please contact the undersigned at (916) 333-5920, Ext. 24.

Sincerely,

**PADRE ASSOCIATES, INC.**



Alan J. Klein, R.E.P.A., C.P.E.S.C., QSD/QSP  
Senior Environmental Scientist

ATTACHMENTS: Padre Amendment No.2  
AIS Change Orders 1-4

Cc: Wendy Zhang, Assistant Superintendent, Milpitas Unified School District