



April 29, 2020

Ms. Albiona Balliu
Sr Project Manager
City of Key West
1300 White Street
Key West, Florida 33040

SUBJECT: Change Order for VSR Additional Petroleum Soil Removal & Proposal for Development Technical Support
College Road Affordable Housing Project
Stock Island, Key West, Florida, 33040

1.0 INTRODUCTION

Tetra Tech, Inc. (Tt) is pleased to present this proposal to the City of Key West (City) for Additional Petroleum Soil Removal and Disposal and Development of Technical Support for the College Road Affordable Housing project.

Tetra Tech was previously authorized to excavate 925 tons of soils that exceeded Residential Direct Exposure and Leachability Based Soil Cleanup Target Levels (SCTLs) established under Chapter 62-777, F.A.C. Table II, per our Task Order agreement with the City dated October 29th, 2019. This excavation was performed from March 23rd, 2020 to April 3rd 2020.

2.0 VOLUNTARY SOURCE REMOVAL – ADDITIONAL PETROLEUM SOIL REMOVAL

During the recent soil excavation, it was observed by Tetra Tech field personnel that additional soils would require removal and proper disposal due to the presence of visibly stained soils (hydrocarbon impacted) above the water table. Considering the timeline and circumstances surrounding this vital project, Tetra Tech excavated a total of 1,095.74 tons (see attached weigh tickets). This change order request seeks compensation for the additional volume of petroleum contaminated soil excavated, transported, and properly disposed off-site, additional soil sampling, analysis, and associated labor costs to complete these aforementioned tasks. The fee for this additional work is \$25,986 and will be billed on a lump sum basis.

3.0 DEVELOPMENT TECHNICAL SUPPORT

Tetra Tech proposes to provide technical support, guidance, and recommendations to the development design team to assist with work below the water table inside the defined limits and immediate vicinity of the groundwater impacts of the organochlorine pesticides potentially remaining following the Voluntary Source Removal (soil excavation), in the event that this condition arises. We anticipate preparing a Special Conditions procedure that can be incorporated into the bid documents which identifies the most current on-site conditions and the procedures that would be applicable for work below the water table inside the defined limits of the impacted groundwater and immediate vicinity. Tetra Tech will also provide guidance to the City on responses to RFIs from prospective bidders, if needed.

This work effort is limited to phone and email consultations on work in the immediate vicinity of impacted groundwater. The fee for this additional work is \$6,640 and will be billed on a time & material basis. Should the need for our involvement exceed the budget presented for this task, Tetra Tech will notify the City in writing.

Tetra Tech will keep the City abreast of anticipated changes that may occur. We appreciate the opportunity to submit this change order and proposal and look forward to working with the City on this project. If you have any questions or require additional information, please feel free to contact the undersigned at your earliest convenience.

Respectfully Submitted,
Tetra Tech, Inc.



Dave Frodsham
Project Manager

City of Key West College Road VSR			Task XX Additional Soil Excavation/Laboratory Sampling-FFP		Task XX Development Technical Support-T&M		Task XX TBD		Task XX TBD		Total	
NAME	TITLE	UNIT RATE	QTY	PRICE	QTY	PRICE	QTY	PRICE	QTY	PRICE	QTY	PRICE
Tetra Tech Staff												
S. Ouellette	Sr Technical Professional I	\$ 137.00	46.0	\$ 6,302	20.0	\$ 2,740	-	\$ -	-	\$ -	66.0	\$9,042
J. McGovern	Sr Technical Professional III	\$ 195.00	-	\$ -	20.0	\$ 3,900	-	\$ -	-	\$ -	20.0	\$3,900
C. Warren	Technical Professional II	\$ 126.00	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$0
S. McGahee	Sr. Project Manager	\$ 210.00	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$0
F. Martinez	Technical Professional I	\$ 104.00	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$0
A. McDonald	Sr Technical Professional III	\$ 195.00	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$0
D. Frodsham	Sr Technical Professional II	\$ 173.00	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$0
L. Boberg	Technician	\$ 76.00	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$0
B. Proctor	Sr. Division Manager	\$ 235.00	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$0
T. Froelich	Sr Technical Professional III	\$ 195.00	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$0
J. Endicott	Technical Professional II	\$ 126.00	23.0	\$ 2,898	-	\$ -	-	\$ -	-	\$ -	23.0	\$2,898
\$	\$	\$	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$0
\$	\$	\$	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$0
Total Labor Cost			69.0	\$ 9,200	40.0	\$ 6,640	-	\$ -	-	\$ -	109.0	\$15,840
External Subcontractor												
FKLS (Surveyor)		\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$0
Nutting Engineers (Geotech)		\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$0
Preferred Drilling		\$ 15,321.28	1.0	\$ 15,321	-	\$ -	-	\$ -	-	\$ -	1.0	\$15,321
\$	\$	\$	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$0
\$	\$	\$	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$0
Total External Subcontractor				\$ 15,321		\$ -		\$ -		\$ -		\$15,321
Travel												
R/T Airfare		\$ 500.00	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$0
Mileage		\$ 0.575	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$0
Rental Car w/Fuel		\$ 75.00	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$0
Misc. Travel Costs (gas, parking, tolls)		\$ 50.00	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$0
Lodging		\$ 311.00	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$0
Per Diem		\$ 69.00	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$0
Total Travel Costs				\$ -		\$ -		\$ -		\$ -		\$0
Other Direct Costs / Rental Equipment/Laboratory												
Shipping		\$ 75.00	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$0
Reproduction - B&W		\$ 0.08	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$0
Reproduction - Color		\$ 0.42	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$0
Misc. Equip & Supplies		\$ 100.00	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$0
Laboratory (Pace)		\$ 1,465.00	1.0	\$ 1,465	-	\$ -	-	\$ -	-	\$ -	1.0	\$1,465
TBD			-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$0
TBD			-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$0
TBD			-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$0
TBD			-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$0
TBD			-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$0
Total Other Direct Costs				\$1,465		\$0		\$0		\$0		\$1,465
Tetra Tech Owned Equipment												
			-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$0
			-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$0
			-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$0
			-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$0
			-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$0
		\$0.00	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$0
Total Tt Equipment				\$0		\$0		\$0		\$0		\$0
Grand Total				\$25,986		\$6,640		\$0		\$0		\$32,626

Ms. Albiona Balliu
April 29, 2020

Accepted By:

Key West College Rd.
Additional Soil Excavation & Technical Support
CONTRACT OR PROJECT NAME

CLIENT

By (PRINT NAME)

BY (PRINT NAME)

TITLE

TITLE

SIGNATURE DATE

SIGNATURE DATE



Profile Detail Report

PREFERRED DRILLING SOLUTIONS INC
City of Key West

Job ID 156670

3/18/2020 - 3/26/2020

Approval 203170024 Clean Earth of Southern Florida

Ticket	Date	Truck	Plate	Manifest	Gross	Tare	Net	Units
700001371410	3/18/2020 2:05 PM	2350		2360211	33.30	13.03	20.27	TONS
700001371416	3/18/2020 2:08 PM	941		2360213	32.10	12.72	19.38	TONS
700001371419	3/18/2020 2:03 PM	697		2360212	31.86	12.60	19.26	TONS
700001371653	3/19/2020 7:47 AM	395	1895CR	2360214	33.62	12.18	21.44	TONS
700001372057	3/19/2020 12:11 PM	2722		2360215	33.07	11.80	21.27	TONS
700001372441	3/20/2020 7:14 AM	608		2360216	41.25	12.39	28.86	TONS
700001372447	3/20/2020 7:18 AM	8353	N9854Z	2360223	40.49	12.34	28.15	TONS
700001372451	3/20/2020 7:19 AM	549	N7818Y	2360222	39.19	12.48	26.71	TONS
700001372456	3/20/2020 7:16 AM	7114		2360218	40.72	12.67	28.05	TONS
700001372463	3/20/2020 7:20 AM	697		2360221	40.46	12.71	27.75	TONS
700001372468	3/20/2020 7:22 AM	941		2360219	40.78	12.87	27.91	TONS
700001372473	3/20/2020 7:23 AM	2350		2360220	40.20	13.03	27.17	TONS
700001372478	3/20/2020 7:15 AM	7113		2360217	39.08	13.31	25.77	TONS
700001373321	3/20/2020 1:13 PM	2722		2360225	33.93	11.83	22.10	TONS
700001373329	3/20/2020 1:13 PM	2760		2360224	39.11	11.59	27.52	TONS
700001374318	3/23/2020 1:07 PM	2350		2360226	34.43	13.08	21.35	TONS
700001374321	3/23/2020 1:09 PM	941		2360227	34.05	12.75	21.30	TONS
700001374324	3/23/2020 1:11 PM	697		2360228	33.54	12.62	20.92	TONS
700001374358	3/23/2020 1:43 PM	608		2360230	34.47	12.30	22.17	TONS
700001374363	3/23/2020 1:46 PM	7113		2360231	33.87	13.16	20.71	TONS
700001374364	3/23/2020 1:48 PM	1114		2360232	34.04	12.56	21.48	TONS



Profile Detail Report

Job ID 156670

3/18/2020 - 3/26/2020

PREFERRED DRILLING SOLUTIONS INC
City of Key West

700001374513	3/24/2020	7:03 AM	1966	4526CF	2360237	40.34	12.61	27.73	TONS
700001374518	3/24/2020	7:05 AM	2610	1295CB	2360234	39.45	12.35	27.10	TONS
700001374520	3/24/2020	7:04 AM	6071		2360236	40.94	12.89	28.05	TONS
700001374524	3/24/2020	7:03 AM	268		2360233	39.71	12.49	27.22	TONS
700001374528	3/24/2020	7:04 AM	2006		2360235	37.79	11.36	26.43	TONS
700001374536	3/24/2020	7:19 AM	2722		2360229	33.31	11.96	21.35	TONS
700001375257	3/24/2020	1:04 PM	2350		2360242	40.44	13.03	27.41	TONS
700001375261	3/24/2020	1:05 PM	697		2360240	40.34	12.58	27.76	TONS
700001375266	3/24/2020	1:04 PM	941		2360241	39.38	12.70	26.68	TONS
700001375440	3/24/2020	2:15 PM	7113		2360243	40.61	13.08	27.53	TONS
700001375455	3/24/2020	2:20 PM	608		2360245	41.05	12.28	28.77	TONS
700001375462	3/24/2020	2:22 PM	7114		2360244	39.94	12.55	27.39	TONS
700001375668	3/25/2020	7:09 AM	8353	N9854Z	2360239	40.96	12.33	28.63	TONS
700001375670	3/25/2020	7:10 AM	549	N7818Y	2360238	40.77	12.52	28.25	TONS
700001375672	3/25/2020	7:17 AM	395	1895CR	2360247	35.79	12.16	23.63	TONS
700001375674	3/25/2020	7:12 AM	2457	LMG26LK	2360246	40.43	11.84	28.59	TONS
700001376323	3/25/2020	1:05 PM	2350		2360248	40.06	12.87	27.19	TONS
700001376328	3/25/2020	1:10 PM	697		2360249	39.69	12.49	27.20	TONS
700001376335	3/25/2020	1:07 PM	941		2360250	39.06	12.61	26.45	TONS
700001376413	3/25/2020	2:16 PM	608		2360253	39.84	12.24	27.60	TONS
700001376417	3/25/2020	2:18 PM	7113		2360252	41.26	13.10	28.16	TONS
700001376418	3/25/2020	2:19 PM	7114		2360251	39.58	12.50	27.08	TONS

Number of Loads 43

Sub Total 1,095.74



Profile Detail Report

PREFERRED DRILLING SOLUTIONS INC
City of Key West

Job ID 156670

3/18/2020 - 3/26/2020

Total Number of Loads	43	Total	1,095.74
-----------------------	----	-------	----------

Report Created 3/26/2020 2:00:45 PM