

March 15, 2019

Mr. Riley Neumann
Wisconsin Department of Natural Resources
2300 North Doctor Martin Luther King Drive
Milwaukee, Wisconsin 53212

BRRTS:03-41-534110
PECFA: 53212-2934-77

RE: Budget Request - Former Jerry's Service
2477 North Holton Street
Milwaukee, Wisconsin 53212

Dear Mr. Neumann:

Seymour Environmental Services, Inc. is requesting a budget approval to excavate contaminated soil at the Former Jerry's Service site in Milwaukee, Wisconsin. Our budget request total is \$51,480.18. The budget request includes items from the PECFA U&C schedule (non-variance) and items not included on the cost schedule (variance). We understand that we are required to request a variance to the U&C schedule if the excavation costs exceed \$10,000. We have divided the remedial excavation request into separate variance items for overburden and contaminated soil handling. The non-variance items are included on the attached U&C schedule. This includes the costs for consultant mobilization, confirmation soil sample analysis, a letter report and a change order request. The proposed soil remediation activities and variance costs for the remedial excavation are described below.

We conducted an initial assessment of the soil and groundwater contamination using direct push methods. During that work soil exceeding the groundwater pathway RCLs and groundwater exceeding the NR140 ESs were identified near both former tank systems. Results of the work were submitted to WDNR in October 2017. Because of the small footprint of the site we believe that the soil contamination at the property should be removed before conducting additional soil and groundwater investigation. The soil contamination identified is limited to a fairly small area (~28 x 45 feet) on the eastern part of the property and extends from the building to the right-of-way where the utilities and sidewalks are located. The building, the canopy and roadway limit excavation beyond known area of contamination.

Based on the previous sampling we estimate that approximately 675 tons of contaminated soil are present on the property within the unsaturated and groundwater smear zones (groundwater was noted at a depth of ~10 feet in the borings installed in July 2017). We expect we can remove most of the contaminated soil by excavating to a depth of 12 feet and are asking for the costs to remove 675 tons of soil. We will also need to excavate 100 tons of clean overburden; this soil will be reused as backfill.

VARIANCE COSTS

Contaminated Soil Remediation Cost

This includes the contracting costs for the contaminated soil excavation, disposal, and backfilling (details of the variance are tabulated below). The estimated contracting costs related to the contaminated soil remediation are \$45087.50. Consulting costs are \$2741.70. The unit rate for the contaminated soil remediation is ~\$66.80 per ton and the consulting rate is \$4.06/ton.

Contaminated Soil Remediation Costs			
ITEM	Amount	Unit Cost	Total
Contractor Mobilization	1	\$2,800	\$ 2,800
Contaminated Soil Excavation/Load	675 ton	\$4.00	\$ 2,700
Haul to landfill	675 ton	\$14.00	\$ 9,450
Provide Backfill	675 ton	\$16.00	\$ 10,800
Backfill and Compact	675 ton	\$3.00	\$ 2,025
Landfill Tipping Fees	675 ton	\$25.50	\$ 17,212.50
Landfill Profile Fee			\$100
Total Contaminated Soil Excavation Cost (Contractors)			\$ 45,087.50
Consultant Oversight	30 hours	\$91.39	\$ 2,741.70
Total Contaminated Soil Remediation Cost			\$ 47,829.20

Clean Soil Handling

Contaminated soils in a portion of the work area are overlain by clean soil which will be moved to access the underlying soil contamination. The total cost related to handling of the clean soils is \$882.78. This includes the contracting costs for the excavation/stockpiling and backfilling (details of the variance are tabulated below). It also includes hours of consultant oversight/field screening during the removal of the overburden.

Clean Overburden Removal and Replacement			
ITEM	Amount	Unit Cost	Total
Clean Overburden Excavation	100 ton	\$4.00	\$ 400
Backfilling of the Overburden	100 ton	\$3.00	\$ 300
Total Clean Overburden Cost (Contractor)			\$ 700
Consultant Oversight	2 hours	\$91.39	\$ 182.78
Total			\$ 882.78

I hope that the enclosed information is sufficient to obtain approval for the soil remediation work costs. After the remediation is completed we will submit a letter report detailing the remedial activities and include recommendations for necessary supplemental soil sampling, monitoring well locations, and post-remedial groundwater monitoring. Please call me if you have any questions at 608-838-9120 or 608-225-9407 (cell).

Thank You,
 Seymour Environmental Service, Inc.

Robyn Seymour

Robyn Seymour

U&C Cost Form
 DKS Construction Services Bid
 Proposed Excavation Map

Usual and Customary Standardized Invoice #25

January 2019 - June 2019



RR-107a

PECFA #: 53212-2934-77
 BRRTS #: 03-41-534110
 Site Name: Former Jerry's Service
 Site Address: 2477 North Holton, Milwaukee

Vendor Name: Seymour
 Invoice #: Cost Estimate
 Invoice Date: _____
 Check #: _____

U&C Total \$ 2,768.20
 Variance to U&C Total \$ 48,711.98
 Grand Total \$ 51,480.18

TASK	TASK DESCRIPTION	SERVICES	ACTIVITY CODE	ACTIVITY REFERENCE CODE DESCRIPTION	UNIT	MAX UNIT COST	UNITS	TOTAL MAX
6	Letter Report/Addendum		LRA05	Letter Report/Addendum	Letter	\$ 1,039.29	1	\$ 1,039.29
24	Limited Soil Excavation	Consultant	LSE05	Consultant Oversight for Limited Soil Excavation	Ton	\$ 4.94		\$ -
24	Limited Soil Excavation	Consultant	LSE10	Primary Mob/Demob	Site	\$ 915.11	1	\$ 915.11
24	Limited Soil Excavation	Commodity	LSE13	Laboratory (see task 24 total on Lab Schedule)	Lab Schedule		10	\$ 432.02
36	Change Order Request		COR05	Change Order Request (cost cap exceedance requests)	Change Order	\$ 381.78	1	\$ 381.78
37	Vapor Point Installation & Sampling		VIS05	Installation & Sampling (up to 5 points)	Point	\$ 510.26		\$ -
37	Vapor Point Installation & Sampling		VIS10	Mob/Demob (up to 5 points)	Site	\$ 813.95		\$ -
Variance	Soil Remediation	Commodity		Excavation, hauling, tipping fees, backfill				\$ 45,087.50
Variance	Soil Remediation	Consultant		Soil Excavation Oversight	hour	\$ 91.39	30	\$ 2,741.70
Varaince	Clean Overburden	Combined		Segregating overburden				\$ 882.78

Usual and Customary Standardized Invoice #25

January 2019 - June 2019



RR-107a

TOTAL LAB CHARGES ##### TASK 33 0 \$ - TASK 24 10 \$ 432.02

REF CODE	REIMBURSABLE ANALYTE	UNITS	MAX COST	SAMPLES	TOTAL	MAX COST	SAMPLES	TOTAL
W21	EDB Method 504	SAMPLE	\$ 95.45		\$ -	MAX COST	SAMPLES	TOTAL
S1	GRO	SAMPLE	\$ 24.78		\$ -	\$ 24.78		\$ -
S2	DRO	SAMPLE	\$ 30.35		\$ -	\$ 30.35		\$ -
S3	GRO/PVOC	SAMPLE	\$ 28.14		\$ -	\$ 28.14		\$ -
S4	PVOC	SAMPLE	\$ 25.83		\$ -	\$ 25.83		\$ -
S5	PVOC + 1,2 DCA + Naphthalene	SAMPLE	\$ 49.46		\$ -	\$ 49.46		\$ -
S6	PVOC + Naphthalene	SAMPLE	\$ 36.02		\$ -	\$ 36.02	8	\$ 288.16
S7	VOC	SAMPLE	\$ 71.93		\$ -	\$ 71.93	2	\$ 143.86
S8	SPLP Extraction VOC only	SAMPLE	\$ 50.61		\$ -	\$ 50.61		\$ -
S9	PAH	SAMPLE	\$ 72.98		\$ -	\$ 72.98		\$ -
S10	Lead	SAMPLE	\$ 12.39		\$ -	\$ 12.39		\$ -
S11	Cadmium	SAMPLE	\$ 14.60		\$ -			
								TASK 24 TOTAL \$ 432.02
S12	Free Liquid	SAMPLE	\$ 11.24		\$ -			
S13	Flash Point	SAMPLE	\$ 25.83		\$ -			
S14	Grain Size - dry	SAMPLE	\$ 42.74		\$ -			
S15	Grain Size - wet	SAMPLE	\$ 57.33		\$ -			
S16	Bulk Density	SAMPLE	\$ 13.55		\$ -			
S17	Permeability	SAMPLE	\$ 41.58		\$ -			
S18	Nitrogen as Total Kjeldahl	SAMPLE	\$ 20.27		\$ -			
S19	Nitrogen as Ammonia	SAMPLE	\$ 16.91		\$ -			
S20	% Organic Matter	SAMPLE	\$ 29.19		\$ -			
S21	TOC as NPOC	SAMPLE	\$ 57.33		\$ -			
S22	Soil Moisture Content	SAMPLE	\$ 6.83		\$ -			
S23	Air Filled Porosity	SAMPLE	\$ 25.83		\$ -			
S24	% Total Solids	SAMPLE	\$ 6.83		\$ -			
S29	TCLP Benzene	SAMPLE	\$ 83.16		\$ -			
	Viscosity + Density							
LFPS01	Interfacial tension I (LNAPL/water [dyne/cm])	SAMPLE	\$ 561.33		\$ -			
	Interfacial tension II (LNAPL/air [dyne/cm])							
	Interfacial tension III (water/air) [dyne/cm])							
								TASK 33 TOTAL \$ -

BID ESTIMATE SHEET

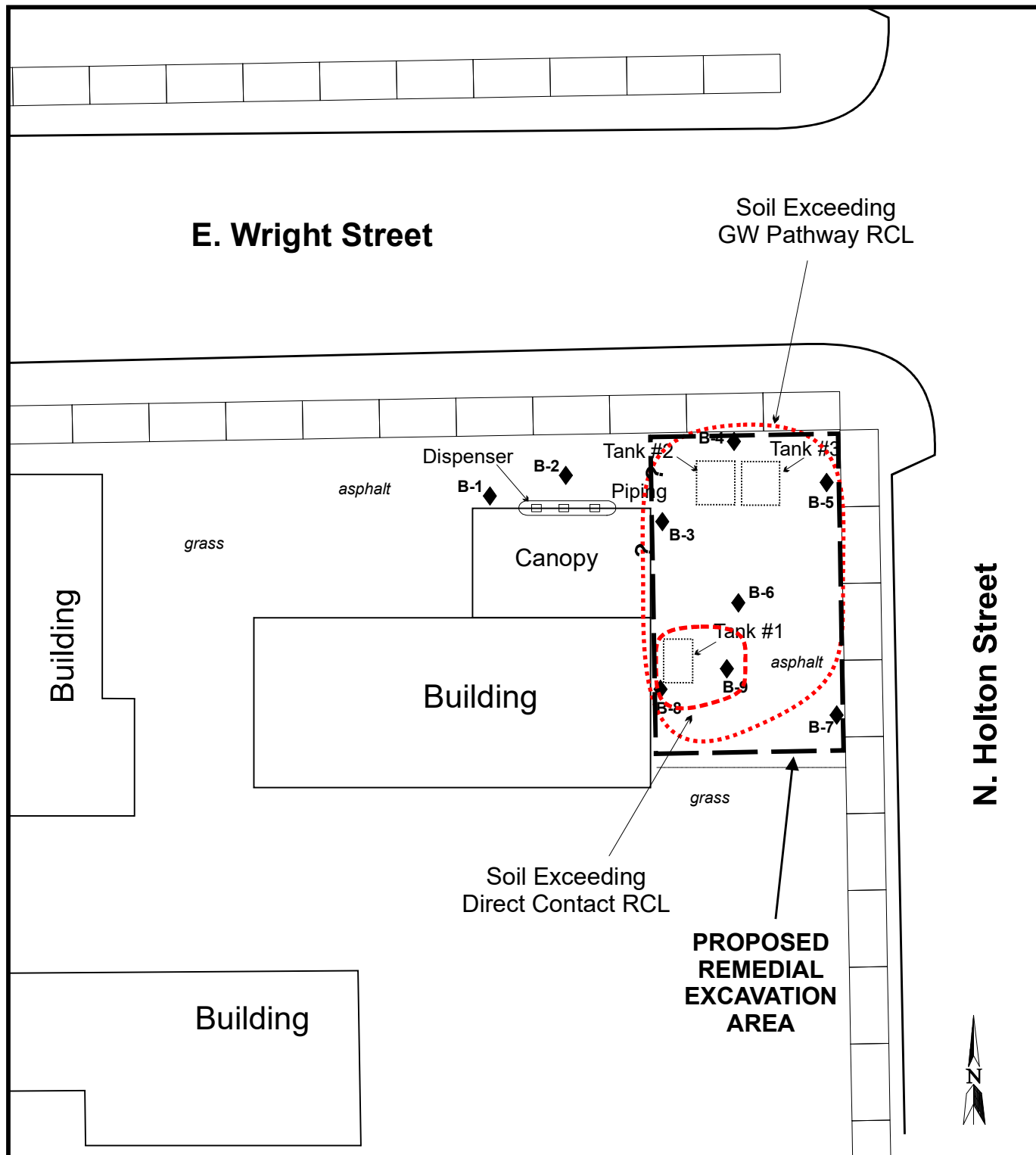
Former Jerry's Service, Milwaukee, Wisconsin
Excavation and Removal of Petroleum-Contaminated Soil

<u>ITEM</u>	<u>UNIT COST</u>	<u>ESTIMATED TOTAL</u>
PECFA-ELIGIBLE ITEMS		
Mobilization (lump sum per mobilization = \$ <u>2800.00</u>)	(lump sum)	\$ <u>2800.00</u>
Excavate/load contaminated soil (per ton = \$ <u>4.00</u>)	(675 tons)	\$ <u>2,700.00</u>
Haul contaminated soil to landfill (per ton = \$ <u>14.00</u>)	(675 tons)	\$ <u>9,450.00</u>
Excavate and stockpile clean soil onsite (per ton = \$ <u>4.00</u>)	(100 tons)	\$ <u>400.00</u>
Backfill and compact imported fill (per ton = \$ _____)	(675 tons)	\$ _____
Import backfill (per ton = \$ <u>16.00</u>)	(675 tons)	\$ <u>10,800.00</u>
Backfill and compact imported/stockpiled soil (per ton = \$ <u>3.00</u>)	(775 tons)	\$ <u>2,325.00</u>

Total Eligible Site Work Cost \$ 28,475.00

[Signature]
Signature Date 12-14-12

DKS Construction Services Inc
2529 Wilson St
Menomonee WI 54751



LEGEND

1 ○ - Tank Closure Sample
 B-7 ◆ - Geoprobe (July 2017)

0 20' 40'

1 INCH = 20 FEET
 SCALE IS APPROXIMATE

FILE/PATH: D:\PROJECTS\SKPVentures
 Fig2-Layout.cdr
 DATE: 10/17/2016
 PREPARED: MDF APPROVED:
 SOURCE:
 Milwaukee County Mapping
 FIELD MEASUREMENTS

**SEYMOUR
 ENVIRONMENTAL
 SERVICES, INC.**

PROPOSED REMEDIAL EXCAVATION
 Former Jerry's Service
 2477 N. Holton Street
 Milwaukee, Wisconsin

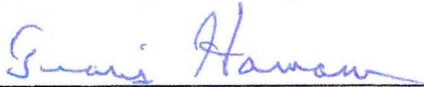
**FIGURE
 A**

Bid Estimate Sheet
Ken Staude Property - Watertown, Wisconsin
Excavation and Removal of Petroleum-Contaminated Soil

<u>ITEM</u>	<u>UNIT COST</u>	<u>ESTIMATED TOTAL</u>
PECFA-ELIGIBLE ITEMS		
Mobilization (lump sum per mobilization = \$ <u>1000.00</u>)	(lump sum)	\$ <u>1000.00</u>
Excavate and stockpile clean soil onsite (per ton = \$ <u>2.75</u>)	(220 tons)	\$ <u>605.00</u>
Excavate/load soil/haul soil (per ton = \$ <u>8.00</u>)	(400 tons)	\$ <u>3200.00</u>
Provide backfill soil material (source of your choice)/compact (per ton = \$ <u>12.75</u>)	(400 tons)	\$ <u>5100.00</u>
Backfill and compact stockpiled soil (per ton = \$ <u>4.75</u>)	(220 tons)	\$ <u>1045.00</u>

Total Eligible Site Work Cost \$ 10,950.00

Koplin Excavating and Grading, Inc.



Travis Hamann

BID COMPARISON - KP VENTURES

ITEM	Number	Units	COVANTA		DKS		TERRY'S	
			Rate	Cost	Rate	Cost		
Mobilization	1	each	\$3,200.00	\$3,200.00	\$2,800.00	\$2,800.00	\$2,200.00	\$2,200.00
Excavate/Load	675	ton	\$13.00	\$8,775.00	\$4.00	\$2,700.00	\$14.00	\$9,450.00
Excavate/Stockpile	100	ton	\$10.00	\$1,000.00	\$4.00	\$400.00	\$7.00	\$700.00
Haul Contaminated	675	ton	\$12.00	\$8,100.00	\$14.00	\$9,450.00	\$18.00	\$12,150.00
Provide Fill	675	ton	\$23.00	\$15,525.00	\$16.00	\$10,800.00	\$19.60	\$13,230.00
Backfill/Compct Soil Barricades	775	ton	\$12.00	\$9,300.00	\$3.00	\$2,325.00	\$7.00	\$5,425.00 \$770.00
Disposal	675	ton	\$25.50	\$17,212.50		\$17,212.50		\$17,212.50
Total Contracting				\$45,900.00		\$28,475.00		\$43,925.00
Total w. Landfill				\$63,112.50		\$45,687.50		\$61,137.50

BID ESTIMATE SHEET -COVANTA ENVIRONMENTAL SOLUTIONS

Former Jerry's Service, Milwaukee, Wisconsin

Excavation and Removal of Petroleum-Contaminated Soil

<u>ITEM</u>	<u>UNIT COST</u>	<u>ESTIMATED TOTAL</u>
PECFA-ELIGIBLE ITEMS		
Mobilization (lump sum per mobilization = \$ <u>3,200.00</u>)	(lump sum)	\$ <u>3,200.00</u>
Excavate/load contaminated soil (per ton = \$ <u>13.00</u>)	(675 tons)	\$ <u>8,775.00</u>
Haul contaminated soil to landfill (per ton = \$ <u>12.00</u>)	(675 tons)	\$ <u>8,100.00</u>
Excavate and stockpile clean soil onsite (per ton = \$ <u>10.00</u>)	(100 tons)	\$ <u>1,000.00</u>
Tipping Fees <u>32.00</u> (per ton = \$ <u>32.00</u>)	(675 tons)	\$ <u>21,600.00</u>
Import backfill <u>23.00</u> (per ton = \$ <u>23.00</u>)	(675 tons)	\$ <u>15,525.00</u>
Backfill and compact imported/stockpiled soil (per ton = \$ <u>12.00</u>)	(775 tons)	\$ <u>9,300.00</u>
		# <u>67,500.00</u>
Total Eligible Site Work Cost \$		<u>67,500.00</u>

[Signature] 1-2-19
Signature Date

BID ESTIMATE SHEET

Former Jerry's Service, Milwaukee, Wisconsin
Excavation and Removal of Petroleum-Contaminated Soil

<u>ITEM</u>	<u>UNIT COST</u>	<u>ESTIMATED TOTAL</u>
PECFA-ELIGIBLE ITEMS		
Mobilization (lump sum per mobilization = \$ <u>2800.00</u>)	(lump sum)	\$ <u>2800.00</u>
Excavate/load contaminated soil (per ton = \$ <u>4.00</u>)	(675 tons)	\$ <u>2,700.00</u>
Haul contaminated soil to landfill (per ton = \$ <u>14.00</u>)	(675 tons)	\$ <u>9,450.00</u>
Excavate and stockpile clean soil onsite (per ton = \$ <u>4.00</u>)	(100 tons)	\$ <u>400.00</u>
Backfill and compact imported fill (per ton = \$ _____)	(675 tons)	\$ _____
Import backfill (per ton = \$ <u>16.00</u>)	(675 tons)	\$ <u>10,800.00</u>
Backfill and compact imported/stockpiled soil (per ton = \$ <u>3.00</u>)	(775 tons)	\$ <u>2,325.00</u>

Total Eligible Site Work Cost \$ 28,475.00

[Signature]
Signature Date 12-14-18

DKS Construction Services Inc
2520 Wilson St
Menomonee WI 54751

Post Office Box 675 S15 W33816 Wolf Rd. Oconomowoc, WI 53066

Office: (262) 968-4772 Fax: (262) 968-4775 Cell: (414) 313-9481

terry@terrysexcavatinginc.com

www.terrysexcavatinginc.com

SEYMOUR ENVIRONMENTAL
SERVICES, INC.

Robyn Seymour, P.G.

Hydrogeologist

P.O. Box 398,

2531 Dyreson Road,

McFarland, Wisconsin 53558

Tel: 608-838-9120 Fax: 608-838-9121

Robyn Seymour rseymour@chorus.net

BID ESTIMATE SHEET

Former Jerry's Service, Milwaukee, Wisconsin

Excavation and Removal of Petroleum-Contaminated Soil

<u>ITEM</u>	<u>UNIT COST</u>	<u>ESTIMATED TOTAL</u>
PECFA-ELIGIBLE ITEMS		
Mobilization (lump sum per mobilization = \$ 2,200.00 _____)	(lump sum)	\$ 2,200.00 _____
Supply And Place Barricades	(Lump)	\$ 770.00 _____
Saw Concrete And Asphalt \$4.50 Per LF If Any	(LF)	\$ _____
Excavate/load soil/contaminated soil (per ton = \$ 14.00 _____)	(675 tons)	\$9,450.00 _____
Excavate and stockpile clean soil onsite (per ton = \$ 7.00 _____)	(100 tons)	\$ 700.00 _____
Backfill and compact imported fill (per ton = \$ 26.60 _____)	(675 tons)	\$ 17,955.00 _____


Terry's Excavating Inc.

Terry DeCicco 10/23/18
Terry DeCicco Date

- Not In Bid
- Permits
- Testing
- Ripping Frost
- Concrete Removal