



Environmental Cleanup Inc.
PO Box 394 Lexington, OK 73051
(405) 677-0565 ecleanupinc@gmail.com

City of Durant Industrial Complex Remediation

Scope of work for Industrial site initial remediation and site security as follows:

1. Contain, isolate and remove any liquid or contaminants from outdoor storage tanks disposing of liquid per state and federal guidelines.
2. Neutralize and or remove any outdoor holding tanks from facility to prevent further releases.
3. Inspect debris and remove any contaminated debris from area and dispose of per state and federal regulations to prevent further contamination from runoff.
4. Remove trees and debris (fencing, trash, etc) inside of effected area and dispose.
5. Any ground water effected and or pooled water around and inside facility will be removed to prevent further release. Holding tanks in facility will be evaluated and safeguarded to prevent further release. If customer would like holding tanks inside facility can be evacuated and neutralized as well. All recovered material will be disposed of per state and federal regulations.
6. Grounds and effected areas from release will have analytical samples pulled (PH and RCRA TCLIP) in order to establish effected areas and levels of contamination.
7. Areas with PH below 4 will be excavated and disposed of per state and federal guidelines.
8. Areas effected that PH 4 or higher may be treated on as is basis.
9. Per sample results water profile will be formed and disposal at SORD landfill.
10. Samples will be taken during and completion of excavation coordinating with governing authorities (ODEQ OR EPA) as well as city.
11. Upon approval backfill soil will be applied and packed in as well as sod and erosion control.
12. Fencing will be replaced.
13. Any buildings or effected structures on airport will be neutralized and power washed to ensure area is free of contaminants. All water and or runoff will be disposed of per state and federal regulations.
14. At any time further contamination is discovered city will be notified and made aware of changes to scope of work as well as ODEQ or EPA.

**Boomer Environmental, LLC**

PO Box 96391

OKLAHOMA CITY, OK 73143

(405) 601-9595x100

<http://www.boomerenvironmental.com>**ADDRESS**

City of Durant

300 West Evergreen

Durant, OK 74701

13120922-09

DATE 12/16/2022

SALES MANAGER

JM

DATE	ACTIVITY	QTY	RATE	AMOUNT
12/16/2022	Respond with equipment and personnel to Durant Oklahoma to a plating shop that has lost liquids out of an outside tank. Pump remaining liquids out of tank into tanks inside the building. Clean and neutralize old propane tank that was being utilized as a acid storage tank. Pressure wash and clean metal containment that propane tank is sitting in. Load propane tank onto flatbed and haul to disposal facility. Assess the outside area and pull samples to determine what the pH levels are. remove trees on the north side of property with Track hoe and clear area for excavation. With use of a road grader scrape the top layers of the affected area to the satisfaction of DEQ. Cover dirt with plastic and await analytical results to determine whether it is hazardous or non-hazardous. If hazardous profile it into the appropriate disposal facility which most likely will be clean harbors Waynoka facility. If non-hazardous profile the waste into the SORD landfill. Level C technicians will be utilized, Road grader, bulldozer, Track hoe, Skid Steer, associated pumps and hoses to transfer liquids. It has been stated that there is a possibility the liquids can be neutralized in the cities wastewater treatment facility can except a neutralize liquids. If this is the case a liquid transport will be utilized to transport the liquids over to the Wastewater Treatment plant. If it is not possible to neutralize a liquid analytical will be taken in samples will be sent to US ecology, Systec, and heritage Crystal clean for quotes on disposal.			
	PLEASE NOTE: You will be billed for actual tonnage per scale tickets and will be billed for actual hours worked, personnel and equipment)			
12/16/2022	Project Manager (State) (Hourly) 0962-40-01 (15 days @ 8 hrs per day)	120	69.52	8,342.40
12/16/2022	1 Ton Truck -Day Rate (State) 0962-40-28 (15 days)	15	60.50	907.50
12/16/2022	1 Ton Truck Mileage (State) 0962-40-28 (Boomer Yard to site in Durrant and back)	288	0.59	169.92
12/16/2022	1 Ton Truck Mileage (State) 0962-40-28 (20 miles per day for 15 days)	300	0.59	177.00

DATE	ACTIVITY	QTY	RATE	AMOUNT
12/16/2022	Technician/Operator (State) (Hourly) 0962-40-01 (9 techs -15 days @ 8 hrs ea.) customer will only be billed for techs being utilized on site	1,080	85.80	92,664.00
12/16/2022	1 Ton Truck -Day Rate (State) 0962-40-28 (Personnel and equipment)	15	60.50	907.50
12/16/2022	1 Ton Truck Mileage (State) 0962-40-28 (Boomer Yard to site in Durrant site and back)	288	0.59	169.92
12/16/2022	1 Ton Truck Mileage (State) 0962-40-28 (20 miles per day for 15 days)	300	0.59	177.00
12/16/2022	1 Ton Truck -Day Rate (State) 0962-40-28 (Personnel and Equipment)	15	60.50	907.50
12/16/2022	1 Ton Truck Mileage (State) 0962-40-28 (Boomer Yard to site in Durrant and back)	288	0.59	169.92
12/16/2022	1 Ton Truck Mileage (State) 0962-40-28 (20 miles per day for 15 days)	300	0.59	177.00
12/16/2022	1 Ton Truck -Day Rate (State) 0962-40-28 (Pulling pressure washer)	15	60.50	907.50
12/16/2022	1 Ton Truck Mileage (State) 0962-40-28 (from Boomer yard to Durant Site and Back)	288	0.59	169.92
12/16/2022	1 Ton Truck Mileage (State) 0962-40-28 (20 miles per day for 15 days)	300	0.59	177.00
12/16/2022	Transport Trailer Small in Use (State) (Day Rate) 0962-40-24 (15 Days)	15	82.50	1,237.50
12/16/2022	Transport Trailer Small- Mobilization (State) (Mile) 0962-40-24 (from Boomer yard to Durant Site and Back)	288	0.55	158.40
12/16/2022	Transport Trailer Small- Mobilization (State) (Mile) 0962-40-24 (20 miles per day for 15 days)	300	0.55	165.00
12/16/2022	Portable Pressure Washer Equipment (State) 0962-40-18 (15 days)	15	11.00	165.00
12/16/2022	Portable Heater and Supply Tank (State) (Day) (15 days)	15	5.50	82.50
12/16/2022	Fresh water for washing per gallon (500 gallons per day for 15 days)	7,500	0.10	750.00
12/16/2022	Per Diem 10 personnel @ 15 days ea)	150	150.00	22,500.00
12/16/2022	Level C PPE Per Person (State) (Day) 0962-49-20 (per 9 personnel @ 15 days)	135	49.50	6,682.50
12/16/2022	Tyvox coveralls (State) (Each) 0962-40-003 (9 techs @ 15 days)	135	26.48	3,574.80

For your convenience, we accept ACH, EFT, check, and credit card payments.

DATE	ACTIVITY	QTY	RATE	AMOUNT
12/16/2022	Transport Trailer W/Tractor Large In Use (State) (Day) 0962-40-24 Pulling Skid Steer Loader (15 days)	2	1,272.00	2,544.00
12/16/2022	Transport Trailer W/Tractor Large Mobilization (State) (Mile) 09620-40-24 (From Boomer yard to Durant site and back)	288	3.25	936.00
12/16/2022	Bobcat or Equivalent (Hour) (State) 0962-49-27 (15 days @ 8 hrs per day)	120	44.00	5,280.00
12/16/2022	Transport Trailer W/Tractor Large In Use (State) (Day) 0962-40-24 Pulling Dozer (15 days)	2	1,272.00	2,544.00
12/16/2022	Transport Trailer W/Tractor Large Mobilization (State) (Mile) 09620-40-24 (from Boomer yard to Durant site and back)	288	3.25	936.00
12/16/2022	Dozer 450 or equivalent (hr) (state) 0962-49-27 (15 days @ 8 hrs per day)	120	44.00	5,280.00
12/16/2022	Transport Trailer W/Tractor Large In Use (State) (Day) 0962-40-24	2	1,272.00	2,544.00
12/16/2022	Transport Trailer W/Tractor Large Mobilization (State) (Mile) 09620-40-24	288	3.25	936.00
12/16/2022	Transport Trailer W/Tractor Large In Use (State) (Day) 0962-40-24 (pulling grader)	2	1,272.00	2,544.00
12/16/2022	Transport Trailer W/Tractor Large Mobilization (State) (Mile) 09620-40-24 (From Boomer yard to Durant site and Back)	288	3.25	936.00
12/16/2022	Grader 0962-49-27 (State) (Hour) (15 days @ 8 hrs per day)	120	99.00	11,880.00
12/16/2022	Transport Trailer W/Tractor Large In Use (State) (Day) 0962-40-24 (pulling track hoe)	2	1,272.00	2,544.00
12/16/2022	Transport Trailer W/Tractor Large Mobilization (State) (Mile) 09620-40-24 (from Boomer yard to Durant site and back)	288	3.25	936.00
12/16/2022	Track Excavator (state) (Hour) 0962-49-27 (15 days @ 8 hrs. per day)	120	71.50	8,580.00
12/16/2022	18- Wheel End Dump (State) (hour) (unit pricing only-will bill for actual hours used from site to approved disposal facility)	1	162.50	162.50
12/16/2022	Technician/Operator (State) (Hourly) 0962-40-01 (if vac truck is utilized) (1 tech @ 8 hrs per day) (will be billed for actual hours needed)	8	85.80	686.40
12/16/2022	Vacuum tanker - in use (State) (Day) 0962-40-24 (Unit price only-will be billed actual days used if needed)	1	1,272.00	1,272.00
12/16/2022	Vacuum Tanker - mobilization (State) (mile) 0962-40-24 (from Boomer yard to Durant Site then to disposal facility)	300	2.75	825.00

For your convenience, we accept ACH, EFT, check, and credit card payments.

DATE	ACTIVITY	QTY	RATE	AMOUNT
12/16/2022	Acid Pump 2' Day Rate (State) 0962-49-24 (15 days)	15	33.00	495.00
12/16/2022	Polyethylene Sheeting 20' x 100' Roll (State) (per roll)	20	180.00	3,600.00
12/16/2022	2" Chemical Hose Aggressive Liquids per foot per day (State) (quoted for 60' @ 15 days)	900	5.00	4,500.00
12/16/2022	Compressor (State) (Day) (15 days)	15	375.00	5,625.00
12/16/2022	Analytical surcharge - Rush (State) RCI (this is a unit charge per one sample-we will bill per sample submitted)	1	137.50	137.50
12/16/2022	Analytical surcharge - Rush (State) TCLP 8 RCRA Metals (this is a unit charge per one sample-we will bill per sample submitted)	1	214.50	214.50
12/16/2022	Non-Hazardous Waste Landfill Solids (Per Ton) This will be billed per ton based on disposal scale tickets including the state fee and city flow fee.	1	51.07	51.07
12/16/2022	Other liquids non-hazardous petroleum contaminated water-bulk tanker (Gallon) 1000010001-5-3-7 (if non-hazardous this will be billed per gallon collected) (if hazardous we will have to supply an additional quote awaiting analytical testing results)	1	0.65	0.65

Thank you for the opportunity to quote this project. We look forward to working with you. Please contact us with any questions you may have.

TOTAL

\$207,329.40

Accepted By

Accepted Date



City of Durant Oklahoma

Attn: Ms. Lisa Taylor City Manager

300 west Evergreen

Durant, Ok 74701

December 15, 2022

Re: Scope of Work Projection of Cost per Information forwarded 68 Waldron Road Durant OK **Project 22-1216-DOK01 Phase 1**

Ms. Taylor ,

Attached please find costs associated with the Scope of Work forwarded to me yesterday by your offices. The total cost listed covers only those items as listed in your scope of work and no further remedial activity on the site or removal. Based upon the scope of work remedial activity will be based upon laboratory analysis of soil samples taken from the site in question and completed after analysis has been returned from your commercial laboratory.

Costs associated with this proposal will include :

- 1 – Place chemical booms/pads in appropriate areas to prevent spread of contamination, acid, and metals (specifically aluminum).
- 2 – Secure and evaluate the acid tank to ensure no additional releases can occur and any remaining H_2SO_4 is able to be maintained without further leaking.
- 3 – If the tank is unable to be utilized to maintain any remaining H_2SO_4 , drain the tank and properly dispose of the H_2SO_4 . This may require neutralization, etc. prior to disposal at a licensed facility. Cost of disposal will be determined after analysis of liquids contained within TCLP analysis for waste determination by third party laboratory (OK accredited)
- 4 – Remove any standing liquid (rain/acid puddles, etc.) with pH below 4
- 5 – Excavate any soil in the affected area with a pH of 0-3 (considered immediate defined areas) based on sampling analysis and properly dispose of it. Excavate those affected areas until a pH of 4 is reached. Leave any pH 4 or > in place. We will define the affected area in this scope to be the immediate area around the leaking tank and any visible puddles or liquids around the tank. Further remedial activity will be conducted when laboratory analysis is performed for RCRA metals on soil taken from the site and presented to your current commercial laboratory. The price will include a descriptive sample identification report that indicates where samples were pulled from the site. pH measurements will be conducted by UMD personnel on site and recorded for review by all parties from a site report. We will collect a sample off site adjacent to the property that has not been affected by the spill for background determination for soil metal content and sent to the laboratory. We are estimating approximately 5 to 10 samples to be collected for RCRA metals from the site, including one background sample and one field blank sample. It is our hope that of the samples do not come back with elevated metals content we will be able to adjust the pH of the soil and replace it on the site without disposing of it and backfilling. This will be addressed in a separate proposal after analysis is completed.
- 6 – Evaluate affected areas for RCRA metals and aluminum. Additional emergency remediation may be required based on sample analysis. Cost of soil removal and amount to be determined from laboratory analysis and forwarded as separate quote upon receipt and interpretation from lab. Lab analysis will be marked rush and we should have results back in less than 5 days of laboratory receipt.
- 7 – Backfill excavated areas with clean soil only on approval from DEQ and EPA. And after the laboratory results have been received and reviewed and will then be determined based upon treatment on site or removal to and fill thereof.

Note : Long-term remediation requirements will be handled separately.



Re: Scope of Work Projection of Cost per Information forwarded 68 Waldron Road Durant OK

Project 22-1216-DOK01 Phase 1

Cost submitted includes the following :

Testing for RCRA metals (third party laboratory) field collection and transport to laboratory

Field Testing to determine area of remediation

Soil excavation and tarping on site until analysis from lab is submitted (based upon pH in field)

Site report review

Tank drainage and containment of liquids on site from leaking tank and neutralization (Waste disposal profile cost will be determined by lab and final cost of disposal will be sent as phase 2 of this project).

Equipment for soil removal and tarping on site until disposition of disposal category can be determined The price of backfill material will be quoted after the RCRA metals content is determine. It is our hope that the samples come back with no elevated amount of RCRA metals sited and treatment of soil (pH adjustment) can be made on site without backfill of new soil.

Field booms and absorbents and materials for containment of liquids and technician time associated with them for Phase 1

Field personnel and expenses associated with personnel for Phase 1 project expense

This proposal supersedes earlier cost submitted for inside and outside of facility and is now only for the listed items listed on this proposal

Project costs Phase 1

Total : \$25,840.00

Note: (disposal cost will be submitted separately based upon lab analysis and determination of treatment method as well as required backfill) All soil excavated will be tarped on site for weather protection until final determination of disposal is made

Terms 10 % of Total upon approval and balance paid NET 30 days upon completion of Phase 1

Sincerely

Robert C Smith

General Manager / Technical Director Arkansas Operations

Invoicing and Bid Specifics

ECI has the resources and availability to start immediately upon contract being awarded. Depending on analytical results a timeframe of completion within 2.5 weeks to 8 weeks.

1. Disposal will be charged on a Cost plus platform with invoices incurred by ECI available to the city. Cost plus 15%.
2. Manpower, Equipment, PPE and all job related materials will be supplied by ECI under the current bid for the scope of work.
3. ECI understands the main goal of operation is to contain and remove effected areas where as site effected and city property are protected from a future event.
4. Detailed daily reports and itemized invoicing will be made available to City upon completion of project or at any time for the city given a 48 hour notice to ECI.
5. Waste manifest and detailed report will be sent to proper agencies and city upon completion of project.
6. All inquiries and progresses with state and federal agencies can be done by ECI. City officials can be present upon desire from the city.
7. City will be notified and updated of any scope of works changes as soon as possible.
8. City will be given cost estimate and disposal information as soon as readily available from analytical results and profiling.
9. ECI understand this scope of work is only to incorporate immediate danger areas of concern as well as establishing a barrier for run off and future containment. Long term remediation can be addressed at a later date.

**Environmental Clean Up Inc
Bid for listed scope of work in reference to 68
Waldron Road**

Bid not including Disposal \$227,500.00USD

Or

Bid Including Disposal \$297,500.00USD