



# City of Grand Island

Tuesday, September 14, 2021

Council Session

## Item G-13

**#2021-224 - Approving Bid Award for Lead Reclamation at Heartland Public Shooting Park**

Staff Contact: Todd McCoy

# **Council Agenda Memo**

**From:** Todd McCoy, Parks and Recreation Director

**Meeting:** September 14, 2021

**Subject:** Approval of Lead Reclamation at Heartland Public Shooting Park

**Presenter(s):** Todd McCoy, Parks and Recreation Director

## **Background**

On August 31, 2021 the Parks and Recreation Department advertised a Request for Proposals (RFP) for Lead Reclamation at Heartland Public Shooting Park (HPSP).

Lead reclamation is beneficial to shooting ranges so that lead buildup can be reduced before it becomes a concern and revenue can be generated from resale. Reclamation efforts will be concentrated on skeet, trap, and pistol ranges that have enough lead to be efficiently removed. The process to remove lead involves tilling the soil and running it through screens to remove the lead.

## **Discussion**

Three proposals to reclaim lead at HPSP were received.

Recoil, Orlando, FL  
Metal Treatment Technologies, LLC, Arvada CO  
Green Excavating & Mining Solutions, LLC, Fremont, NE

Staff recommends accepting the proposal from Green Excavating & Mining Solutions, LLC of Fremont, Nebraska. Staff recommends Green Excavating & Mining Solutions because they provide the best overall value and approach to the project. The expenses and revenue associated with this project will vary depending on the amount of lead that can be resold and lead market price at the time of sale. Upon the conclusion of the project staff does not anticipate any overall cost to the City. It's estimated that the City may net \$10,000.00 or more depending on the amount and market price of lead extracted.

## **Alternatives**

It appears that the Council has the following alternatives concerning the issue at hand. The Council may:

1. Move to approve
2. Refer the issue to a Committee
3. Postpone the issue to future date
4. Take no action on the issue

## **Recommendation**

City Administration recommends that the City Council accept the proposal from Green Excavating & Mining Solutions, LLC of Fremont, Nebraska for Lead Reclamation at Heartland Public Shooting Park.

## **Sample Motion**

Move to approve the proposal from Green Excavating & Mining Solutions.



Stacy Nonhof, Purchasing Agent

*Working Together for a  
Better Tomorrow, Today*

**REQUEST FOR PROPOSAL  
FOR  
LEAD RECLAMATION AT HEARTLAND PUBLIC SHOOTING PARK**

**RFP DUE DATE:** August 31, 2021 at 4:00 p.m.

**DEPARTMENT:** Parks and Recreation

**PUBLICATION DATE:** August 8, 2021

**NO. POTENTIAL BIDDERS:** 3

**PROPOSALS RECEIVED**

**Recoil LLC**  
Orlando, FL

**Metals Treatment Technologies, LLC**  
Arvada, CO

**Green Excavating & Mining Solutions, LLC**  
Fremont, NE

cc: Todd McCoy, Parks & Recreation Director  
Jerry Janulewicz, City Administrator  
Stacy Nonhof, Purchasing Agent

Patti Buettner, Parks Admin. Assist.  
Patrick Brown, Finance Director  
Bill Starkey, HPSP Superintendent

**P2300**

Heartland Shooting Park Lead Reclamation  
City of Grand Island Nebraska  
Site located at 6788 W. Husker Hwy. Alda, Nebraska

Green Excavating & Mining Solutions, LLC  
4461 N. Broad  
Fremont, NE 68025  
402-720-6347  
Contact: Terry vonSeggern

Thanks for the opportunity to bid your project.

Experience:

Green Excavating has been doing Lead Reclamation since 2008. We serve the entire Midwest including Wisconsin, Iowa, Missouri, Texas, Oklahoma, Kansas, South Dakota and Nebraska and have done dozens of similar jobs. Owner Terry vonSeggern also has 18 years of experience running and operating a 10 Trap Range located just outside of Fremont Nebraska.

References:

- Gateway Gun Club (12 Trap and skeet fields)
- St. Louis Missouri
- Tommy Teson
- 314-442-0716
- 
- Iowa State Trap Association (34 Traps)
- Cedar Falls Iowa
- Denny Dozark
- 712-677-2293
- 
- Beatrice Gun Club (5 Traps)
- Beatrice Nebraska
- Tim Lindstrom
- 402-416-1555

We can provide others upon request

Lead reclamation is our only business.

On Trap fields Green Excavating will determine lead reclamation area and depth of ground. We will do all the land prep work and when finished will spread out dirt and level it back to how it was before we started. Seeding of the grass is not necessary as it will grow back on its own. There is not sufficient lead in front of all the trap and skeet areas to warrant reclamation. Specifically in front of the bunker trap and also in front of the 4 east trap and skeet fields.

Green Excavating uses proprietary equipment specifically designed to provide Maximum efficiency of recovering lead and prepare it for shipping to a licensed smelter for proper recycling. This would include dirt tilling, and dirt moving equipment along with multiple stage screening equipment to ensure lead is separated from dirt and clean enough for recycling. When lead comes off the equipment it is stored in 55 gallon steel drums on a pallet with secure lids until shipment to smelter. Dirt has to be powder dry for system to work efficiently and recover maximum amount of lead. 100 percent recovery is not possible. This is a dry sift system and uses no water therefore water runoff cannot leave the property carrying hazardous material.

Concerning the rifle and pistol berm's Green Excavating will determine how deep into the berm's to remove the dirt and take to screening equipment for lead separation. This is usually a maximum of 18 inches into the berm. After lead separation dirt will be returned back to the berm and lightly compacted back into place. Green Excavating will also determine a reasonable plan to reclaim the lead on horizontal surface where steel targets have been utilized for shooting. This area does not include all of the horizontal surfaces especially in the longer range targets areas.

City of Grand Island will be responsible for removing any object in the way to perform work and also to replace back to desired location after area is finished in the rifle and pistol shooting areas.

Green Excavating's Bid is divided into two separate parts.

Part one is areas 3, 5, and 6 which are the trap and skeet areas. Offer is to give Heartland Shooting Park 25 percent of the proceeds and Green Excavating will take 75 percent of the proceeds. Expenses to be shared are the cost of pallets, barrels and trucking to the smelter at the same percentage as the revenue split. Current cost for steel barrels is \$33.00. Current cost for Special made pallets are \$28.00. Trucking to Missouri is estimated at \$2,300.00. Current sale price for selling the reclaimed lead is .84cents. This price changes daily but is currently at a 5 year high. Payment to Heartland shooting Park would be 30 days after the last load is sent off to the smelter.

Part 2 is areas 1 and 2 which are the rifle and pistol berms. Green Excavating will bid this part for \$58,000.00 and Heartland Shooting Park can receive 100 percent of the lead sales proceeds. Heartland Shooting Park would cover 100 percent of the pallets, barrels and trucking to the same certified smelter. There is no estimate nor can there be as to how much lead can be recovered and 100 percent recovery is not obtainable. Current offer from the smelter for outdoor rifle and pistol lead is somewhere around 50 to 55 cents a pound. This offer also changes daily.

As far as a time table to work on this project, we are currently doing a similar project in Wisconsin and can schedule after we complete this project. Lead reclamation in the trap and skeet areas cannot be done when the ground is frozen or wet. The rifle and pistol berms are more forgiving but winter still halts progress. It would be my estimate that we

could start this project this fall but might have to finish up next spring. Weather is a big factor. Green Excavating would need unlimited access to the shooting park but not into any buildings. We would also need electrical and water hookup in your RV Park during work for an Office/Housing location for one possible 2 campers. We also would need to have a shooting schedule to clearly outline work times.

Green Excavating has all the credentials to sell lead to a certified smelter for proper recycling and government regulations. We will handle all the sales to ensure maximum profit for lead sales. This would not be limited to one certain smelter as we would sell to the highest offer.

Benefit to this project for the Heartland Shooting Park would be that this would bring the park in compliance to the EPA Regulations on Shooting Ranges. There is a federal outline on Best Practices for Lead reclamation and Green Excavating follows those guidelines as it applies.

Thanks for the opportunity to work with you on this unique project.

Terry vonSeggern  
Green Excavating & Mining Solutions, LLC  
Fremont, NE  
402-720-6347

RESOLUTION 2021-224

WHEREAS, the City of Grand Island issued a Request for Proposals (RFP) for Lead Reclamation at the Heartland Public Shooting Park; and

WHEREAS, three (3) request for proposals were received; and

WHEREAS, Green Excavating and Mining Solutions, LLC, from Fremont, Nebraska, submitted a proposal for such project in accordance with the Request for Proposals; and

WHEREAS, upon the conclusion of the project staff does not anticipate any overall cost to the City.

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE CITY OF GRAND ISLAND, NEBRASKA, that the proposal from Green Excavating and Mining Solutions, LLC, from Fremont, Nebraska for Lead Reclamation at the Heartland Public Shooting Park hereby approved.

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Adopted by the City Council of the City of Grand Island, Nebraska, September 14, 2021.

\_\_\_\_\_  
Roger G. Steele, Mayor

Attest:

\_\_\_\_\_  
RaNae Edwards, City Clerk

Approved as to Form	☐ _____
September 13, 2021	☐ City Attorney