



STAFF REPORT

Report To: Range Task Force

Meeting Date: March 6, 2019

Staff Contact: Jennifer Budge, CPRP, Parks and Recreation Director

Agenda Title: Review, discussion and possible recommendation to staff regarding design and engineering services for improvements to the Carson Rifle and Pistol Range.

Staff Summary: This item will discuss potential costs, timeframes, and priorities as it relates to professional design and engineering services for improvements to the Carson Rifle and Pistol Range.

Agenda Action: Formal Action/Motion

Time Requested: 10 minutes

Proposed Motion

I move to recommend to staff _____ regarding design and engineering services for improvements to the Carson City Rifle and Pistol Range.

Board's Strategic Goal

Safety

Previous Action

N/A

Background/Issues & Analysis

At the recommendation of the Task Force, City staff sought out a quote for third party professional services to address the deficiencies identified in the range evaluations conducted by the Tactical Services Group and the National Rifle Association. Poggemeyer Design Group, located in Reno, has a certified range designer on staff that has experience in design of multiple ranges, including the Clark County range in southern Nevada. Poggemeyer was recommended by the NRA.

In meeting with Poggemeyer, topography and survey were identified as being essential to this project. The City is expecting the data from a lidar survey within the next 30 days and Carson City Public Works is able to provide on-site grades/gps information for the short range and shooting bays, similar to the data previously provided to the task force on the long range. While this may reduce the scope of work for the design consultant, it is still estimated at just under \$100,000 for engineering and design alone for all three ranges. Staff is currently working with Poggemeyer to reduce the scope of work/cost. The design will not address all issues identified in the range evaluation report, but the primary deficiencies. Poggemeyer estimated three months from the receipt of survey data for a project timeframe.

Scope of work/design requirements would include:

- Design guidelines per the NRA 2012 Range Source Book
- Lateral berms and backstops construction/re-construction
- Resolve immediate drainage and slope issues
- Identify borrow areas, determine material quantities and cost estimates for each range
- Overhead baffle for covered firing line of long range

- Design and construction documents

It is assumed that long term drainage issues to address lead management will be conducted in future phases. A revised quote was not available at the time of this report. The design and engineering services will focus on the civil improvements needed and will not include project management, signage or other long term capital improvements.

Applicable Statute, Code, Policy, Rule or Regulation

N/A

Task Force Action Taken:

Motion: _____ 1) _____ Aye/Nay
2) _____ _____

(Vote Recorded By)