



# Memo

TO: Cary Colaianni

CC: Captain Paul Garrison

FROM: Pete Martin

DATE: 12/16/2021

RE: Terradyne Gurkha

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I am requesting approval to move forward with leasing a 2021 Terradyne Gurkha MPV armored truck.

The Sheriff's Office is wanting to lease/own two armored trucks, per our specifications, as two of the armored vehicles the Sheriff's Office currently utilize are granted to us from the LESO program. The future of this program is unknown so the likelihood of us having to surrender the two vehicles is highly probable.

Last year, the Sheriff's Office had the opportunity to lease a used 2020 Terradyne Gurkha through The Bancorp. With detailed research into this vehicle, it was decided to move forward with the lease. Sheriff's Office SWAT has used this vehicle in many risky operations over the past 5 months. The team members are comfortable with this vehicle and are confident in its safety and handling.

We have compared the performance and features of vehicles from two manufacturers of armored trucks, the Terradyne Gurkha MPV and Lenco Bearcat G3. There are several items about the Gurkha that satisfies sole source justification;

- The Gurkha and Bearcat are both built on a Ford F550 chassis. The Gurkha does not make chassis modifications during assembly, which maintains the full factory powertrain warranty. The Bearcat modifies its frame rails, exhaust, brake lines, driveshaft and fuel lines, which means it is not Federal Motor Vehicle Safety Standards (FMVSS) compliant.
- There have been several published articles regarding armor strength and projectile penetration of these two armored vehicles. In a head-to-head test, the Gurkha outperformed the Bearcat resulting in zero penetrations, which supports the Gurkha's rated armor level of NIJ IV and a transparent armor rating of CEN B7.
- With the acquisition of a Gurkha, they also offer a 3-day operator and technician training.