



LEXINGTON POLICE
DEPARTMENT
MEMORANDUM
Lexington, Kentucky

DATE OF ISSUE
November 3, 2016

EFFECTIVE DATE

NUMBER
TS 2016-099

TO:
Assistant Chief D. Holman
Bureau of Administration

SUBJECT:
Lexington Police Department's Firearms Training Facility - Lead Extraction Project

FROM:
Commander R. Holland Jr.
Bureau of Administration - Training Section

The Training Section has provided information regarding the cost for the extraction of lead from the Lexington Police Department's Firing Range berm. The total cost associated with the lead recovery and to ensure our range is OSHA/EPA compliant has been quoted by Metal Treatment Technologies (MT2) at \$40,000.00. This quoted price does not reflect the fact that we will retain half of the proceeds from the total amount of expended lead upon recovery (will depend on market value of lead at the time of recycle). This guarantees that the total cost associated with the project will only be reduced. We will also need to replace the berm with new soil; the cost associated with the soil purchase is quoted at 2250.00 by Crase Group (covered with Training – Range Maintenance Funds). **The total cost of the entire project is projected not to exceed 42,250.00.**

Lead Removal Project Justification:

MT2 will be providing the Lexington Firing Range Facility with lead maintenance services that will support in mitigating potential physical, occupational, and environmental hazards associated with high concentrations of lead in the backstop berms at the range; as well as ensuring compliance with OSHA, US EPA, State, and NRA recommended firing range environmental Best Management Practices (BMPs). The lead maintenance treatment will reduce lead exposure for all agencies that utilize our facility along with reducing the amount of lead leaching into the soil and nearby stream. It will also reduce the lead exposure to Officer Conway who is exposed simply due to his current assignment as the department's designated Range Officer. **Recently we have experienced "lead blow back" (lead ricocheting back onto the firing line from the berm) caused by berm deterioration and lead building up behind each individual targets.**

The best practice going forward is to have the lead extracted from the Lexington Police Range every five (5) years. The Range officer will be tasked with keeping a "lead count" spreadsheet that will serve as a record in estimating the amount of lead in the firing range berm at a given point in time. We will also utilize the lead count for records purposes during audits by the EPA.

MT2's History and Experience:

MT2 has been contracted under sole source contracting by numerous Federal, State and Municipal Government Agencies (see previously submitted Sole Source Documentation). By

contracting MT2 sole source, the Department receives the proven, experienced MT2 team and the exclusive technology provider of ECOBOND®.

The current recommendation is to complete this lead removal project in January of 2017. The reasons for this recommended time frame are outlined below:

- Safety – “Lead Blow Back”
- Reduction of lead exposure to personnel
- Availability of MT2 (4-5 day project completion)
- Avoid Scheduled/anticipated firearms training issues for Lexington PD and outside agencies in 2017
- Ensure OSHA/EPA compliance

Total Project Cost is maximum of \$42,250 if completed per current 90 day contract.

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Commander R. Holland Jr.