

19 May 1997

Re: NEPA Call-In Technical Inquiry 0081 - Requirements to Close Firing Range

Dear NEPA Call-In User:

This letter is in response to your April 28, 1997 request for further information on remediation of firing ranges. NEPA Call-In provided you, in Technical Inquiry (TI) 59, a scope of work (SOW) for decommissioning an indoor firing range. The SOW listed the following qualification requirements for a contractor bidding on indoor firing range decommissioning: three years experience dealing with lead and hazardous waste, completion of 10 projects involving dismantlement and decontamination of indoor firing ranges, and ability to submit a reference list of previous projects and contacts. Specifically, you would like a list of contractors, with the above mentioned or similar qualifications, who are capable of performing range decommissioning. You would also like to know if there is some type of trade association of companies who perform this type of work.

SUMMARY OF FINDINGS

NEPA Call-In identified six organizations, to include Range Management Services identified in TI 59, who perform both indoor and outdoor range closure and remediation. Each organization has at least three years experience dealing with lead and hazardous waste and is able to submit a reference list. Although all had experience with indoor range closure and remediation, only Range Management had completed 10 projects in this area. However, they all had extensive experience with outdoor range clean up. We also identified one trade association, the National Association of Ordnance Contractors, (202) 625-6262. NEPA Call-In's detailed findings are provided below.

DETAILED FINDINGS

Range Management Services, Cary, Illinois, (847) 639-0011, who provided the SOW for TI 59, meets the qualifications listed in the SOW.

NEPA Call-In contacted Mr. John Spollen, Senior Project Manager, Marcor Management Incorporated, Hunt Valley, Maryland, (800) 545-5350. Mr. Spollen stated his company meets the above mentioned qualifications except they have not completed 10 indoor firing range projects, although they have experience in this area. Mr. Spollen provided an information packet (enclosed) stating Marcor's qualifications in industrial services, site remediation, and environmental services. Their indoor and outdoor remediation services include lead recycling, soil remediation, construction/reconstruction, site assessment, range management consultation, and maintenance. Mr. Spollen did not know of any trade organizations specific to this type of work.

We then contacted Mr. Chi Onwuchekwa, Owner and Principal Engineer, Merit Environmental, Houston, Texas, (713) 440-0201, who stated his company meets the above qualifications except 10 indoor firing range projects. However, they do have experience in this area. Mr. Onwuchekwa stated his company has abated gun ranges that involved the treatment of over 300,000 tons of lead contaminated soil. He stated Merit Environmental can dismantle,

process, and rebuild any gun range facility. He was not aware of any trade organizations for this type of work.

NEPA Call-In contacted Mr. Randall Garrett, Federal Programs, Severson Environmental Services, (800) 484-9404, who also stated his company meets the above qualifications except for 10 indoor firing range projects. They do, however, have experience in this area. Mr. Garret provided information on Severson's MAECTITE chemical treatment process for heavy metals including lead (enclosed). MAECTITE renders lead non-hazardous by Resource Conservation and Recovery Act (RCRA) toxicity definitions.

We then contacted Mr. Roy Barrett, Vice President, UXB International Incorporated, Chantilly, Virginia, (703) 724-9600. Mr. Barret stated his company meets the above qualifications except for 10 indoor range projects, although they have experience in this area. Mr. Barrett provided an information packet explaining the qualifications and services provided by UXB (enclosed).

NEPA Call-In contacted Mr. Clark Vargas, C. Vargas and Associates, Jacksonville, Florida, (904) 725-7131, who stated his company designs shooting ranges and can provide consulting services for range clean up. Mr. Vargas provided an informational brochure about his company (enclosed). Mr. Vargas stated the only trade organization he knows of for this type of work is the National Association of Ordnance Contractors.

Lastly, we attempted to contact the National Association of Ordnance Contractors (NAOC), (202) 625-6262. To date, we have not spoken with a representative of NAOC. We will continue our efforts and forward any information received from them in a follow-up to this letter.

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Sincerely,

(Original Signed)

NEPA Call-In Researcher