

13-- MK77 Mod 5 Firebomb, NSN: 1325-01-286-3586; P/N: 923AS652; approximately 993 each

General Information

Document Type:	Sources Sought Notice
Solicitation Number:	W52P1J04-R-0077
Posted Date:	Jan 13, 2004
Archive Date:	Apr 13, 2004
Original Response Date:	Feb 13, 2004
Current Response Date:	Feb 13, 2004
Classification Code:	13 -- Ammunition & explosives
SetAsides:	N/A

Contracting Office Address

U.S. Army Field Support Command, ATTN: AMSOS-CCA, Rock Island, IL 61299-5000

Description

A firebomb is a thin-skinned container of fuel gel designed for use against dug-in troops, supply installations, wooden structures, and land convoys. Firebombs rupture upon impact and spread burning fuel gel on surrounding objects. One or more igniters and fuzes are used to ignite the fuel gel mixture upon impact. Firebombs are used primarily for low level attacks. The Mk 77 Mod 5 firebomb holds approximately 75 gallons of fuel gel mixture and weighs approximately 500 pounds when filled. The container is cigar-shaped, non-stabilized (will tumble end over end when released from the aircraft), lightweight, and is made of aluminum. It has a 14-inch suspension between the lugs and provides two filler holes, which are 31 degrees down from the top of the container. The filler holes are covered by filler caps, which are secured by retainer rings. The filler caps prevent foreign objects from getting inside the container during shipping and storage, and provide a sealed closure after the container is filled with fuel gel before fuzing. The filler holes also provide for the installation of the primary fuses. During fuzing procedures, the filler caps are removed and replaced by igniters, which seals the closure. The production of this item basically requires welding of the

aluminum bomb sections in a specific shape, casting filler caps, and a 10 PSI air pressure test for leaks. Fuel gelling mixture beads and MS3314 Suspension Lugs will be government furnished material. Top level drawings are available upon request. Interested parties should send a written response to Mary C. Hill as above, email: hillm@osc.army.mil, phone 309-782-6654.

Point of Contact

Mary Hill, 309-782-6654

Email your questions to U.S. Army Field Support Command at hillm@osc.army.mil

Place of Performance

Address: U.S. Army Field Support Command ATTN: AMSOS-CCA-M Rock Island
IL

Postal Code: 61299-6500

Country: US

The website also contains various documents connected to the tender.