

BDU-33D/B PRACTICE BOMB

Nomenclature: BDU-33D/B Practice Bomb
NSN: 1325-01-054-2906
FSCM: 98747
PN: 7729467-10

The 25 lb. BDU-33D/B is the basic practice bomb utilized by the Air Force to train pilots, and is critical to the Air Force training program. The BDU-33D/B is designed to simulate the aerodynamic and ballistic properties of MK-80 series ordnance. It is unique, in that no close substitute is procured or stocked by the Air Force. These practice bombs are used during peacetime for pilot proficiency training and certification. Failure or non-availability of these items would reduce the number of certified pilots and thus impact the readiness posture of the Air Force.

The BDU-33 weighs 25 pounds and has a teardrop shaped cast-metal body that is centrally bored. The bomb has a firing pin assembly with a flag and a cotter pin to retain the firing pin assembly in the bomb.

MK76 Practice Bomb

Nomenclature: Mk 76 Practice Bomb
NSN: 1325-01-071-2561 (E973) (Twin Pack)
1325-01-071-2560 (E973) (Bulk Pack)
FSCM: 30003
PN: 2185734 (Twin Pack)
1221AS100 (Bulk Pack)

The MK 76 Practice Bomb is a Navy item that is procured by the Single Manager for Conventional Ammunition (SMCA). This 25# sub-caliber practice bomb simulates low drag weapons delivery in Naval aircraft.

The MK 76 consists of an iron casting bomb body, with machined surface features and lug threads. The aft body assembly consists of the tube, cone, and fins. These components are of formed steel; welded in the proper configuration and swaged to the bomb body. Included within the MK 76 is the firing pin assembly. The firing pin assembly consists of sheet steel crush cup and slotted cup, with steel spacer and pin.

The potential Firm Fixed Price contract or contracts that could result from this RFP is detailed below. Offers will be on an all or none basis; proposals must include an offer for both items included in the solicitation for the offer to be considered. However, the government reserves the right to make any combination of awards that are considered in the best interest of the government. The following is a list of possible Firm Fixed Price awards:

- 1) The total quantity of both practice bombs, with options for four (4) Fiscal Years (FY) there after, FY07, FY08, FY09, and FY10.
- 2) 100% of each practice bomb as a separate contract, with options for four Fiscal Years (FY) FY07, FY08, FY09, FY10.
- 3) Partial award of one or both practice bomb(s) on separate contracts, with options for four Fiscal Years (FY) FY07, FY08, FY09, FY10.
- 4) Partial award of both practice bombs with options for four Fiscal Years (FY) FY07, FY08, FY09, FY10.