

## SOURCES SOUGHT SYNOPSIS FOR: Suppressed, Bolt Action Rifle (SBAR)

DUE DATE: **30 Nov 2015**

The NAVSUP, Weapon Systems Support, Mechanicsburg, PA is issuing this Sources Sought synopsis as part of a market survey. NAVSUP is seeking sources that manufacture a Commercial-Off-The-Shelf (COTS) Suppressed, Bolt Action Rifle (SBAR). All interested sources are encouraged to submit company and product literature, references and any other pertinent information for the Government's review, including business status (e.g., small business, small disadvantaged business, HUBZone, women-owned, etc.) not to exceed 5 pages. The product information for the SBAR shall address the requirements outlined in the below narrative and Table 1.

**NARRATIVE:** This Sources Sought is part of a Market Survey and may be used to support an Acquisition Strategy seeking a Commercial-Off-The-Shelf (COTS) item. The item is described as a; suppressed, manually operated, bolt action rifle – hereafter referred to as “the rifle”. The narrative will be separated in two focus areas for vendor response; Performance and Physical Characteristics.

**Performance:** The rifle will be chambered for 300 Winchester Magnum with feeding from a five round detachable box magazine. The rifle should have the capability to; 1) precisely engage targets at distances out to 1,000 meters and 2) accurately engage targets at distances out to 1,500 meters. The rifle suppressor should reduce sound by a minimum of 35dB and significantly reduce flash signature. The weapon should be capable of firing 5,000 rounds between stoppages or failures with a minimum barrel life of 5,000 rounds. The suppressor should have a lifecycle of at minimum 10,000 rounds.

**Physical Characteristics:** The overall length of the fully assembled and suppressed rifle will be no more than 50 inches with the unloaded, non-suppressed weight no more than 14 pounds. In order to support low signature transport or discreet carry; the rifle can be broken down into no more than three components with none of the individual components being longer than 22 inches. Optimally the rifle, when broken down, can be stored and carried in a small to medium sized backpack that is designed to securely store the components of the rifle. The rifle will “reassemble” from the backpack carry mode with no effect on rifle zero. The rifle will have an integral 360 degree MilStd 1913 rail, the rail will be capable of maintaining bore sight alignment and rifle zero while conducting routine firing combined with combat movement and operational training drills. The buttstock of the rifle will fold to the right side, capturing and protecting the bolt handle. The buttstock should be produced with an incrementally adjustable cheek rest and recoil pad. The suppressor shall thread directly to the rifle barrel with a 5/8-24 thread pitch. The rifle barrel will be match grade quality with an objective of being a carbon fiber wrapped barrel to achieve; increased barrel life, weight reduction and assist with barrel heat dispersion.

Table 1

<b>Requirement</b>	<b>Threshold (T)</b>	<b>Objective (O)</b>	<b>Comments</b>
Caliber	300 Winchester Magnum	T=O	Optimized for the 230 Grain Berger, Hybrid Target-Match ammunition
Effective Range	1,500 Meters	2,000 Meters	
Accuracy	1 MOA EVS @ 500 Yards	0.5 MOA EVS @ 500 Yards	Average of three (10) round shot groups
Modular	Capable of breakdown into three or fewer components	Tool-less breakdown into three or less components	Capable of reduced signature transport
Ammunition Capacity	5 rounds	T=O	Box feeding
Length (fully assembled, suppressed, butt-stock opened)	No more than 50"	45"	
Length (components)	No single component longer than 22"	20" or less	
Weight (unloaded no optics or suppressor)	No more than 14 lbs	≤14 lbs	
Barrel	Match Grade	Carbon Wrapped	
Suppressor Engagement	Direct thread 5/8-24	T=O	No muzzle brake or flash-hider
Suppressor Length	Suppressor shall add no more than 8.5" to barrel length	Suppressor shall add less than 8.5" to barrel length	
Suppressor Weight	No more than 25 oz	18 oz	
Suppressor dB Reduction	35	> 35	Dry
Coatings (Rifle and Suppressor)	All metallic components shall have a corrosion resistant finish	T=O	

At the current time, NO FUNDING IS AVAILABLE for contractual efforts. This is not a request for proposals or offers, and any information provided will be done so on a voluntary basis. The U.S. Government is in no way liable to pay for or reimburse companies or entities that submit literature in response to this announcement, and no entitlement to payment of direct or indirect costs or charges will arise as a result of the submission of information. Nothing in this announcement constitutes an obligation on the part of the U.S. Government. The Government is only seeking possible sources for future needs, if they arise. No solicitation document exists at this time. **THE GOVERNMENT DOES NOT INTEND TO AWARD A CONTRACT ON THE BASIS OF THIS REQUEST FOR INFORMATION OR OTHERWISE PAY FOR THE INFORMATION SOLICITED.** Interested vendors should provide information regarding this announcement on or before **30 Nov 2015** to (email submissions only): Mr Larry Strohecker [larry.strohecker@navy.mil] & Mr. Shannon Blackerby [shannon.blackerby@vb.socom.mil]