

SOLE SOURCE DETERMINATION

The Purchasing Division has been requested to approve a sole source purchase for the commodity or service described below. Pursuant to West Virginia Code 5A-3-10c, the Purchasing Division is attempting to determine whether the commodity or service is a sole source procurement. If you believe your company meets the required experience and qualification criteria stated below, please e-mail the Purchasing Division Buyer at frank.m.whittaker@wv.gov with a copy to ron.n.price@wv.gov to express your interest in the project. Please forward any and all information that will support your company's compliance with required qualification and eligibility criteria along with any other pertinent information relative to this project to the Purchasing Division no later than 08/11/09.

Requisition Number: HST1004
of Miners' Health Safety & Training

Department/Agency: WV Office

Detailed Description of Project: Provide a study seeking to quantify and contrast the appropriate explosion-containment criteria for the sealed-chamber explosion behind mine seals versus an open-mine area explosion (on the active side of mine seals) with respect to prudent seal design and construction practices. A bi-directional loading requirement applied to mine seals in coal mines would limit design flexibility and restrict engineering options for seal design, both increasing the complexity and cost of mine seals, but with no benefits to mine safety.

Proposed Sole Source Vendor: Mike Sapko
Sapko Consulting Services LLC
106 Barr Rd.
Finleyville, PA

Specific Eligibility Criteria: Generalized knowledge of the issues surrounding dust and gas explosions and specific knowledge of the behavior and response of the full-scale test structures and developing cutting-edge approaches to designing effective mine seal systems.

Specific Qualification Criteria:

Must have knowledge of mine seals and other ventilation structures that are located in active areas of coal mines.

Must have knowledge of past mining practices and incidences that initiated changes to mine safety laws and regulations regarding abandoned or worked areas, mine seals, and the evolution of mine safety improvements.

Must have 35 years experience in research and investigation of mine disasters.

Must have knowledge of the issues surrounding dust and gas explosions.