DGS-30-471
(Rev. 06/17)

Design-Build
Procurement Review Submittal Form

General Project Information

Agency Name:	Department of Mines, Minerals and Energy (DMME)	
Is the agency a covered institution per §2.2-4379?		No
Project Name:	VDMME - Roof Mount Solar Project	
Project Number:	409-18346-004	

Other Project Information

Advising A/E Name:	The Lane Group, Inc.	License Number:	0407004536
COV Sections: §2.2-4380.B.2, §2.2-4381.C.2			
Attach written determination for use of Design-Build			
COV Sections: §2.2-4380.C.2, §2.2-4380.B.1; §2.2-4381.D.2, §2.2-4381.C.1			
Is the procurement process proposed a two-step process?			Yes
COV Sections: §2.2-4380.C.2, §2.2-4380.B.7; §2.2-4381.D.2, §2.2-4381.C.7			

Agency Reasons for Use of Design-Build

Construction Cost (COV Sections: §2.2-4381.B.1, §2.2-4380.C.3, §2.2-4381.D.3)	
Building Use(COV Sections: §2.2-4381.B.1, §2.2-4380.C.3, §2.2-4381.D.3)	
Project Timeline(COV Sections: §2.2-4381.B.1, §2.2-4380.C.3, §2.2-4381.D.3)	Yes
Project Complexity (COV Sections: §2.2-4381.B.1, §2.2-4380.C.4, §2.2-4381.D.4)	Yes
Single Point of Contact Desired (COV Sections: §2.2-4380.C.5, §2.2-4381.D.5)	Yes

Supporting Information for Procurement Method Selection

Project Use (i.e. lab, classroom, office, etc.):

DMME intends to install a small scale roof top photovoltaic (pv) generation system capable of producing approximately 150 kw peak power generation. The system will be roof-mounted to the Buchanan-Smith Building which is occupied by the Department of Mines, Minerals and Energy in Big Stone Gap. The system shall consist of a pv array held in place by ballast. This configuration will allow for later adjustments if the contractor determines changes of direction are required to optimize electrical generation. The system will be installed so ***the net electricity generated will be returned to the local utility's grid***. ***Net metering will be used to determine the amount of kw offset, no battery storage of electricity will be used***. It is also the intent of DMME to use the system as a training tool for other state agencies or municipalities who may be considering solar installations. DMME believes that the Design-Build method is best suited for this procurement. The nature of the solar installation, its specialized complexity and the timeline of the project is of a magnitude that DMME believes that it is more practical to secure the services of a company that has extensive experience in the design and installation of such systems. DMME will be placing the PV system on a new roof on the Buchanan-Smith Building. This roof will be capable of supporting the PV system.

Construction Cost:	$375,000			
Project schedule:	Design Start Date	1/3/2018	Design Compl. Date	1/18/2018
	Const. Start Date	5/1/2018	Const. Compl. Date	6/15/2018

	Attach bar chart schedule to illustrate fast tracking or other schedule complexities.

Additional description to highlight key attributes that affect the project complexity (simplicity) and why a single point of contact is desired as indicated by "Yes" answers above:

Development of the design for panel location and directional placement to provide maximum exposure and electrical generation. Provide instruction and education to DMME staff to ensure the stability and long term success of the project. A single point of contact would be advantageous for the development and installation of the pv solar system project.

In accordance with §2.2-4380.B.1 and §2.2-4381.C.1.

Submitted by: John W. Warren Date: 12/18/17

Signature: John W Warren

Title: Agency Head

(Agency Head or Authorized Representative)

For DGS Use Only

Based upon the information provided by the Agency, the use of Design-Build IS recommended for this project.

Recommended by: W. M. Coppa 12/20/17

W. Michael Coppa, RA

Acting Director, Division of Engineering and Buildngs