

JUSTIFICATION FOR SOLE SOURCE/BRAND NAME SOLE SOURCE <\$150K

**PLEASE FILL IN ALL APPLICABLE BLOCKS BELOW.
A NARRATIVE MUST BE ADDED TO ALL APPLICABLE SECTIONS.**

PO Number:		
The effort listed on this form is for: (please mark one):	<input checked="" type="checkbox"/> Supply	<input type="checkbox"/> Service
The material and/or service listed on this form is (please mark one):	<input type="checkbox"/> Sole Source	<input checked="" type="checkbox"/> Brand Name

Restricted to the following source or manufacturer:

- **Manufacturer/Source:**
Scintec Corporation
- **POC and Phone Number:**
Jeff Gawrych, 303-666-7000
- **Address:**
197 South 104th Street
Louisville, CO 80027

Description of the item(s) or service(s) required and the estimated cost(s):

Item#	MFG Name	MFG Part#	Description	Qty	U/I
1	Scientec	A014425	BLS SPU Set	1	EA
2	Scientec	A013020	BLS2000 Path Reduction Apertures	1	EA
3	Scientec	A085099	BLS900 Cable D2D	1	EA
4	Scientec	A080003	Cable SPU to PC (Ethernet) 10 m	1	EA
5	Scientec	A085096	BLS2000 Cable D2D	2	EA
6	Scientec	A080000	Cable Receiver to SPU 5m	2	EA
7	Scientec	A080006	Cable SPU/Tx to Battery 4m	4	EA
8	Scientec		Shipping	1	EA
TOTAL					

***** If additional items are required, please provide on a separate spreadsheet**

1. List the Required Delivery Date (RDD) or Period of Performance (POP):

*** If additional space is required, please attach a continuation sheet.

2. Specify characteristics of the material or service that limit the availability to a sole source/brand product (unique features, function of the item, etc.). Describe in detail why only this source/brand can furnish the requirements to the exclusion of other sources/brands.

Existing (on hand) BLS900 and BLS2000 Scintillometer systems are compatible only with Scintec brand systems. Other sources will not provide systems compatible with existing systems requiring purchase of a large amount additional supplemental equipment to build the multiple path measurement capability. Also, the BLS900 is capable of 6 km measurement paths, the BLS2000 is capable of 12 km measurement paths, while other sources are not capable of the same path lengths using eye safe configurations. Eye safety is required to enable continuous monitoring of measurement paths. Measurement paths up to 6 km and 12 km are required at projected measurement sites on San Nicolas Island, Yuma Proving Ground, White Sands Missile Range, Point Mugu and China Lake. The requested equipment is specifically designed to work as part of existing Scintec BLS Large Aperture Scintillometers. The components requested are to augment the existing systems for the Naval Research Program expanded experimental measurement series.

3. Indicate if the requested material or service represents the minimum requirements of the Government.

Material requested represents the minimum requirements of the Government

4. Indicate if the material or service must be compatible in all aspects (form, fit, and function) with existing systems presently installed/performing. Describe the equipment/function you have now and how the new item/service must coordinate, connect or interface with the existing system.

Several of these components (SPU, Cables) will augment existing systems to extend the measurement capability. Material must be compatible in all aspects with existing systems. Power connections, transmission characteristics and data processing for existing systems must be compatible with the new systems and components. BLS Signal Processing Units, Path Reduction Apertures and Cables must be compatible with existing Scintec BLS components and systems. All new system components must support eye safe operation.

5. Does a patent, copyright or proprietary data limit competition?

Scintec Corporation has proprietary limitations on equipment configuration.

*** If additional space is required, please attach a continuation sheet.

6. Are the items "direct replacement" parts/components for existing equipment? If so, provide the information about the Next Higher Assembly (NHA)/equipment which the replacement parts are going into (e.g., description, model, part number, Original Equipment Manufacturer (OEM), etc.).

The BLS SPU and Cables will replace existing components in the BLS equipment. Full replacement of the entire unit is not economically feasible, cost effective and would waste scarce Gov't Resources.

7. Provide any additional information to support a sole source/brand name sole source procurement. The rationale must justify "either" substantial duplication of cost to the Government that is not recovered through competition or unacceptable delays in fulfilling the mission of the agency.

Duplication of costs for capabilities of the combined BLS2000 and BLS900 systems would be significant. Also, other companies do not offer systems with a measurement range as great as that of the BLS900 or BLS2000. Measurement range of 6 km and 12 km are required to meet projected test series configurations (including range) on San Nicolas Island, Yuma Proving Ground, White Sands Missile Range, Point Mugu and China Lake.

*** If additional space is required, please attach a continuation sheet.

TECHNICAL OR REQUIREMENTS CERTIFICATION

I CERTIFY THAT THE STATEMENTS CHECKED, AND INFORMATION PROVIDED ABOVE ARE COMPLETE AND CORRECT TO THE BEST OF MY KNOWLEDGE. I UNDERSTAND THAT THE PROCESSING OF THIS SOLE SOURCE/BRAND NAME SOLE SOURCE JUSTIFICATION PRECLUDES THE USE OF FULL AND OPEN COMPETITION.

[Redacted]
Title: Associate Professor

CONTRACTING OFFICER APPROVAL:

[Redacted]
Title: Contracting Officer