

N62271-16-Q-1212

## BLS Add-on Signal Processing Units and Path Reduction Apertures

This is a COMBINED SYNOPSIS/SOLICITATION for commercial items prepared in accordance with the information in FAR Subpart 12.6, using Simplified Acquisition Procedures for commercial items found at FAR 13, as supplemented with the additional information included in this notice. This announcement constitutes the only solicitation. PAPER COPIES OF THIS SOLICITATION WILL NOT BE AVAILABLE. This combined synopsis/solicitation shall be posted on both FEDBIZOPPS and NECO (<https://www.neco.navy.mil/>).

The RFQ number is N6227116Q1211. This solicitation documents and incorporates provisions and clauses in effect through FAC 2005-87-1 and DFARS Publication Notice 20160325. It is the responsibility of the contractor to be familiar with the applicable clauses and provisions. The clauses may be accessed in full text at these addresses: <https://www.acquisition.gov/far/> and <http://www.acq.osd.mil/dpap/dars/dfarspgi/current/index.html>. The NAICS code is 334519 and the Small Business Standard is 500.

The Naval Postgraduate School requests responses from Scintec or Scintec authorized resellers for the following:

CLIN	Description	QTY	UOM	Unit Price	Total Cost
0001	BLS Signal Processing Unit Set (MFG# A014425)	1	EA	\$	\$
0002	BLS2000 Path Reduction Apertures (MFG# A013020)	1	EA	\$	\$
0003	BLS900 Cable D2D (MFG# A085099)	1	EA	\$	\$
0004	Cable Signal Processing Unit to PC (Ethernet) 10m (MFG# A080003)	1	EA	\$	\$
0005	BLS2000 Cable D2D (MFG# A085096)	2	EA	\$	\$
0006	Cable Receiver to Signal Processing Unit (MFG# A080000)	2	EA	\$	\$
0007	Cable Signal Processing Unit/Tx to Battery 4m (MFG# A080006)	4	EA	\$	\$
0008	Shipping and Handling to Monterey, CA 93943 (Deliver by date: 1 SEP 2016)	1	EA	\$	\$
				<b>Total:</b>	\$

### Statement of Requirements

#### *BLS Add - Scintec Systems Engineering*

#### Naval Postgraduate School

#### 1.0 Background/Introduction:

The Naval Postgraduate School requires augmenting existing Scintec BLS measurements systems components. These will augment existing Scintec BLS Large Aperture Scintillometer systems capable of measurements over paths from 6 to 12 kilometers.

## 2.0 Minimal Technical Requirements/Salient Characteristics:

Requested BLS SPU, BLS2000 Path Reduction Apertures & BLS Cables must operate as part of an overall suite of Scintec BLS Scintillometers with the following specifications:

### Large Aperture Scintillometers

1. Offers extinction/ outer scale correction due to conditions of fog, dust, and other aerosols. These fluctuations are highly correlated between our dual disk systems and can be corrected.
2. Extends measurement range to higher turbulence.
3. Improves statistical data quality (2 transmitters instead of 1)
4. Ability to capture crosswind data. Horizontal wind component perpendicular to the optical path can be measured and thus a time lagged correlation analysis is available.

#### A. Dual Disk Scintec BLS2000 Transmitter:

- Degradation Time Mean time to failure (MTTF) : 55,00 hours
- Maximum optical power : 28 W
- Wavelength : 880 nm ( $\pm$  20 nm)
- Beam Divergence :  $16^\circ$
- Pulse Length : 8 ms
- Modulation Frequency : 1750 Hz & 2500 Hz
- Power Consumption : 2 W to 150 W
- Weight: 22 kg
- Dimensions: 590 x 330 x 170 mm

#### B. Scintec BLS2000 Receiver:

- Fresnel lens; focal length 495 mm, diameter 265 mm, FOV 7.5 mrad
- Weight: 19 kg
- Dimensions: 590 x 780 x 300 mm

#### C. Dual Disk Scintec BLS900 Transmitter:

- Degradation Time Mean time to failure (MTTF) : 55,00 hours
- Maximum optical power : 15 W
- Wavelength : 880 nm ( $\pm$  20 nm)
- Beam Divergence :  $16^\circ$
- Pulse Length : 8 ms
- Modulation Frequency : 1750 Hz & 2500 Hz
- Power Consumption : 2 W to 60 W
- Weight: 8.5 kg
- Dimensions: 364 x 180 x 135 mm

D. Scintec BLS900 Receiver:

- Plano-convex lens; focal length 450 mm, diameter 140 mm, FOV 8 mrad
- Weight: 7.6 kg
- Dimensions: 160 x 590 mm

E. Scintec BLS SPU

- Integration Time: 1 min
- Data Storage Capacity: ~ 2 years
- Internal Clock: Date and Time
- Operation Temperature Range: -35 C to + 50 C
- Operation Voltage: 12 VDC
- Weight: 8 kg
- Dimensions: 330 x 230 x 180 mm
- Power Consumption (including Receiver) 16 W

**Delivery:**

Delivery is required by 1 SEP 2016 (or sooner if feasible); Delivery Location is 1988 Lake Del Monte Dr., Monterey, CA 93943. Responsibility and Inspection: unless otherwise specified in the order, the supplier is responsible for the performance of all inspection requirements and quality control.

**Clauses:**

The following FAR provisions and clauses are applicable to this procurement:

- 52.212-1 Instructions to Offerors - Commercial Items
- 52.212-3 and its ALT I, Offeror Representations and Certifications - Commercial Items;
- 52.212-4 Contract Terms and Conditions - Commercial Items
- 52.212-5 Contract Terms and Conditions Required to Implement Statutes or Executive Orders – Commercial Items
- 52.209-6 Protecting the Government’s Interest When Subcontracting with Contractors Debarred, Suspended, or Proposed for Debarment
- 52.209-10 Prohibition on Contracting with Inverted Domestic Corporations
- 52.222-19 Child Labor—Cooperation with Authorities and Remedies
- 52.222-21 Prohibition of Segregated Facilities
- 52.222-35 Equal Opportunity for Veterans
- 52.222-36 Affirmative Action for Workers with Disabilities
- 52.223-18 Encouraging Contractor Policies to Ban Text Messaging While Driving
- 52.239-1 Privacy or Security Safeguards

Quoters shall include a completed copy of FAR 52.212-3 and its ALT I with quotes. All clauses shall be incorporated by reference in the order. Additional contract terms and conditions applicable to this procurement are:

- 252.203-7000 Requirements Relating To Compensation of Former DoD Officials
- 252.203-7002 Requirement to Inform Employees of Whistleblower Rights
- 252.203-7998 Prohibition on Contracting With Entities That Require Certain Internal Confidentiality Agreements— Representation (Deviation 2015-O0010)
- 252.203-7999 Prohibition on Contracting With Entities That Require Certain Internal Confidentiality Agreements (Deviation 2015-O0010)
- 252.203-7005 Representation Relating To Compensation of Former DoD Officials

N62271-16-Q-1212

BLS Add-on Signal Processing Units and Path Reduction Apertures

252.204-7003 Control of Government Personnel Work Product

252.204-7004 Alt A, System for Award Management

252.204-7007 Alternate A, Annual Representations and Certifications

252.204-7008 Compliance with Safeguarding Covered Defense Information Controls

252.204-7009 Limitations on the Use or Disclosure of Third-Party Contractor Information [**for services only**]

252.204-7011 Alternative Line Item Structure

252.204-7012 Safeguarding Covered Defense Info and Cyber Incident Reporting

252.204-7015 Disclosure of Information to Litigation Support Contractors

252.209-7992 Representation by Corporations Regarding an Unpaid Delinquent Tax Liability or a Felony Conviction under any Federal Law—Fiscal Year 2015 Appropriations.

252.232-7003 Electronic Submission of Payment Requests And Receiving Reports

252.232-7010 Levies On Contract Payments

252.237-7010 Prohibition on Interrogation of Detainees by Contractor Personnel [**for services only**]

252.244-7000 Subcontracts For Commercial Items

**Submission Deadline:**

Quotes are due by 5:00 PM EST on 7/21/2016. Contact Matthew White, who can be reached at (831) 392-7335 or email [mjwhite@nps.edu](mailto:mjwhite@nps.edu). A determination by the Government to not compete this proposed effort on a full and open competitive basis, based upon responses to this notice is solely within the discretion of the Government. Oral communications are not acceptable in response to this notice. All responsible sources may submit a quote which shall be considered by the agency.

**Evaluation:**

Procedures in FAR 13.106 are applicable to this procurement. While price will be a significant factor in the evaluation of offers, the final contract award will be based on a combination of factors a combination of price and past performance will be evaluated. This effort is brand name specific and price will be determined fair and reasonable at the time of award and based on similar procurements. System for Award Management (SAM). Quoters must be registered in the SAM database to be considered for award. Registration is free and can be completed on-line at <http://www.sam.gov/>. Award shall be made to the lowest price technically acceptable quote.

All quotes shall include price(s), FOB point, a point of contact, name and phone number, GSA contract number if applicable, business size, and payment terms. Each response must clearly indicate the capability of the quoter to meet all specifications and requirements.

**Brand Name Justification:**

The proposed contract action is for brand name commercial items authorized for resale. or services for which the Government intends to solicit and negotiate with only one authorized resellers of Scintec products under the authority of FAR 6.303-2-5(a)(2)(ii) – Circumstances Permitting Other Than Full and Open Competition, brand name commercial item for authorized resale and 6.305 – Availability of the Justification. Interested persons may identify their interest and capability to respond to the requirement or submit proposals. This notice of intent is not a request for competitive proposals from other than Scintec or resllers of Scintec products. However, all bids, proposals, or quotations received by the closing response date will be considered by the Government. A determination by the Government not to compete with this proposed contract based upon responses to this notice is solely within the discretion of the Government. Information received will normally be considered solely for the purpose of determining whether to conduct a competitive procurement. Interested persons may identify their interest and capability to respond to the requirement or submit proposals. This notice of intent is not a request for competitive proposals. However, all proposals received prior to the submission deadline (or within thirty days if award is issued under an existing basic ordering agreement) after date of publication of this synopsis will be considered by the Government. Information received will normally be considered solely for the purpose of determining whether to conduct a competitive procurement.

**Past Performance:**

The quoter shall submit, as part of its quote, information on previously performed contracts or on-going contracts that are similar to the statement of work/item description in the solicitation performed for Federal, State or local Governments, and for commercial firms. Information shall be provided on either 1) all such contracts within the past three years, or 2) the last three such contracts performed, whichever is fewer, and shall be limited to the name and address of the organization for which the product was supplied and services were performed and the number (phone, fax or Internet) of a contact for each contract listed. The quoter should not describe past performance history in the quote. The information should include, however, discussion of any major problems encountered on the contracts listed and the corrective actions taken to resolve them. The information may also include a description of any quality awards earned by the quoter. The Government reserves the right to obtain information for use in the evaluation of past performance from any and all sources including sources outside of the Government. Quoters lacking relevant past performance history will not be evaluated favorably or unfavorably on past performance. However, the quote of a company with no relevant past performance history, while not rated favorably or unfavorably for past performance, may not represent the most advantageous quote to the Government and thus, may be an unsuccessful quote when compared to the responses of other quoters. The quoter should provide the information requested above for past performance evaluation, or affirmatively state that it possesses no relevant directly related or similar past performance. The assessment of the quoter's past performance will be used as a means of evaluating the relative capability of the responder and other competitors to successfully meet the requirements of the RFQ. The Government will give greater consideration to the contracts that the Government feels are most relevant to the RFQ.

\*\*\*\*\* End of Combined Synopsis/Solicitation \*\*\*\*\*