

SINGLE SOURCE CERTIFICATION

Authority is requested to make the following purchase under the provision of USF System Regulation USF4.02010(IV)(A)(2)(b) as a non-competitive purchase available from only one source. By submitting this form, department acknowledges that existing [exemptions](#) will not apply to this purchase. Single source requests exceeding \$75,000 must be signed by a Procurement Director and posted publicly for (3) business days.

DATE: 2/9/2023

ITEM(S): Custom-built mid IR ultrafast system (2DQuick IR custom TA, including a mid-IR detector with advanced electronics)

PRICE: \$ 189,950 FUND #: 10009

SUPPLIER ID: 0000097457 REQUISITION#: _____

SUPPLIER NAME: Phasetech

FEDERAL GRANT: Y N

In your words, describe the equipment, commodity, or contractual service. Explain how these specifications are essential to the accomplishment of your work:

This is a purchase of a custom-built mid IR ultrafast system (2DQuick IR custom TA, including a mid-IR detector with advanced electronics). The system is cable of performing ultrafast experiments at 100 kHz repetition rate which is within the repetition rate available from the previously purchased laser system (Pharos).

In your own words, describe the reason(s) the item is not subject to competition from other sources and how the stated specification(s) restrict the requisition to only one supplier. Description may include unique features/compatibility/specifications/availability/delivery time frame etc. (Note: Price is not a valid reason).

Currently, no other mid-IR detection system can operate at this high repetition rate.

Moreover, currently Phasetech is the only company that provides a commercial option to implement 2D-IR experiments within their mid-IR ultrafast system. This is planned as a future upgrade of the system that is being purchased. Implementing a 2D-IR option is not supported by the competing companies and would require significant home-built modifications of their systems associated with a corresponding increase in the overall price.

Phasetech is a leader in the field of ultrafast mid-IR spectroscopy and their equipment is present in many ultrafast spectroscopy labs and is highly regarded in the community both in US and worldwide.

In your own words, describe the due diligence conducted to validate this supplier as Single Source. Description SHOULD list all other suppliers with item(s)/service(s) with similar functions, your efforts to identify other suppliers, and why these suppliers would not qualify to submit a competitive quote.

The competing system HELIOS-IR can only perform data acquisition at 5 kHz rate.

DocuSigned by:

George Cotter 2/9/2023 | 11:18 EST

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START 2/9/2023 END 2/14/2023

Approved By (Procurement)

DATE

PUBLIC POSTING DATES

Authority: USF4.02010(IV)(A)(2)(b)

Last Modified: 05/10/2021

OFFICE OF THE UNIVERSITY CONTROLLER, PROCUREMENT SERVICES

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