

**DESCRIPTION OF INTENDED
SINGLE SOURCE PURCHASE
(PUR 7776)**

AGENCY: Florida Department of Law Enforcement (FDLE)

TITLE: Forensic Genetic Genealogy

Short description of the commodity or service desired: DNA Genetic Genealogy, DNA Phenotyping and Kinship Inference Analysis

CONTACT

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Internal tracking number, if any: SS2012

Date posted: September 12, 2019

Last day for receipt of information: September 23, 2019

This description of commodities or contractual services intended for purchase from a single source is posted in accordance with sections 120.57(3) and 287.057(3), Florida Statutes and will remain posted for a period of at least 7 business days.

Commodity or Contractual Service Required (commodity or United National Standard Products and Services Code (UNSPSC), manufacturer, model, and description, as appropriate):

85131709 Genetics research services

Quantity or Term (as appropriate):

One year

Requestor (Division, Bureau, Office, Individual, as appropriate):

FDLE/Office of Investigations and Forensic Science

Performance and/or Design Requirements (e.g., intended use, function or application, compatibility, requirements; reference to policy, rule, statute or other act of the Legislature, etc., as appropriate):

The FDLE intends to contract for DNA genetic genealogy, DNA phenotyping and kinship inference analysis for forensic investigations. The state of Florida Crime Laboratory System is made up of six (6) FDLE Laboratories and five (5) county laboratories that work together to bring forensic services to Florida's Criminal Justice System. The FDLE coordinates and manages the state of Florida's DNA Investigative Support Database. With this database, routine searches are conducted to identify potential suspects to crime scene evidence where an unknown DNA profile has been identified. Many times the search does not yield a match and investigations can grow cold.

It is the intent of the FDLE to utilize this new technology to assist criminal justice agencies in Florida to solve old cold cases where all scientific and investigative resources have been exhausted.

Intended Single Source:

Parabon NanoLabs, Inc.
11260 Roger Bacon Drive, Suite 406
Reston, VA 20190-5203

Estimated Dollar Amount:

\$130,000.00

Justification for single source acquisition (what is necessary and unique about the product, service or source; steps taken to confirm unavailability of competition, as appropriate):

Parabon NanoLabs, Inc. is the creator and owner of the Snapshot® Advance DNA Analysis Service, and the only vendor which can provide the genetic morphology description through their genetic genealogy service. Parabon is the only vendor authorized to provide the complete suite of Snapshot DNA Services, which includes Snapshot DNA processing, mixture deconvolution, genetic genealogy, phenotyping, phenotypic forensic art enhancements, and kinship analysis. Parabon has no authorized resellers.

Parabon is the only service provider able to handle mixed DNA samples. Snapshot Mixture Deconvolution methods can be applied to “subtract” the reference sample from the mixed result, allowing all other Snapshot services to be provided. Parabon is unique in this capacity, allowing State of Florida laboratories the maximal amount of information available from a given DNA sample. Additionally, the Snapshot Kinship Inference™ from Parabon is the only product which can distinguish up to the 9th-degree familial relationship.

Approved By (names & titles, as appropriate, e.g., requestor, requestor management, information systems, budget, purchasing):

Sonya Avant, Chief of General Services
David Coffman, Forensic Services Director

Prospective vendors are requested to provide information regarding their ability to supply the commodities or contractual services described. If it is determined in writing by the agency, after reviewing any information received from prospective vendors, that the commodities or contractual services are available only from a single source, the agency shall: provide notice of its intended decision to enter a single-source purchase contract in the manner specified in s. 120.57(3), F.S.