

September 30, 2024

To: All Potential Respondents
From: Katelyn Howells, Purchasing Agent
Subject: 005-RFP-1285-2025 DNA Analyzer Instrument Validation

Addendum Two

Please amend the subject RFP to include answers to the following timely received questions:

- Q1. How does the lab envision an applicable specificity study for data collection software validation?
A1. The lab would envision that the validation plan would evaluate the ability of DC 4.0 to provide reliable results over a broad variety of evidentiary typing results to include mixtures and low level DNA samples.
- Q2. Performance check with data collected from DC 3.1 and DC 4.0 to be used for the model maker within STRmix v2.7 software: Do we need to generate data in DC3.1 and DC4.0?
A2. Casework performance check of 2 -3500 that aren't the primary validation instrument could look like running a subset of those samples on each 3500 to confirm they all perform similarly & confirm settings. This will be determined by DNA CW TL & successful vendor (around 40 samples) 2) STRmix Portion - We will need to run two known samples using a dilution series on the same instrument with DC 3.1 & DC 4.0 to determine if stutter & Model Maker in STRmix will need to change.
- Q3. Our current DC software is DC 4.0.2. Would the lab be interested in doing a customer installable patch to upgrade to this version, so it is validated on most current version of this software at no cost?
A3. Yes, the lab would consider this.
- Q4. Is vendor required to provide known and non-probative/mock evidence samples? How does the lab envision the validation to include data that's representative of samples the lab typically processes? What sample types/substrates need to be tested for the database workflow?
A4. Yes the vendor needs to provide the samples. The vendor can work with the DNA casework technical leader to determine which mock samples would be needed and prioritized for casework once this project is awarded. The samples will include blood, contact DNA, touch DNA, hairs, and sexual assault type samples.
- The majority for database would be saliva samples blotted onto color changing FTA filter paper cards. Blood on FTA cards, and cotton buccal swabs would also be evaluated in lesser quantity.
- Q5. In relation to DCI Crime Laboratory staff training, can you define "literature review"?
A5. We would recommend key papers addressing recent advancements in CE, STR data analysis, and forensic software validation.
- Q6. Does this include written competency testing only or materials required for competency testing within the lab (i.e., kits, samples, consumables)?
A6. The training should focus on hands-on competency and practical aspects such as running DC 4.0 and CE troubleshooting. The vendor would provide the samples. The Iowa lab would provide the kits and consumables for the competency.

Q7. What is the State's limit for single P-card transactions?

A7. The Credit Limit and Single Transaction Limit is set by an employee's Manager and Agency Card Coordinator.

Q8. Is it possible that Iowa can short pay for 1% and do internal transfer to Iowa Department of Administrative Services – Central Procurement?

A8. No.

Please acknowledge receipt of this addendum by signing in the space provided below, and return this letter with your proposal (do not send back separately).

I hereby acknowledge receipt of this addendum.

Signature

Date

Typed or Printed Name