

**FY2018 DNA Capacity Enhancement and Backlog Reduction  
County of Greenville – Project Abstract**

The County of Greenville is the agency responsible for analyzing evidential material associated with criminal investigations for local law enforcement agencies and the coroner's office within the County of Greenville, South Carolina. The County of Greenville operates one forensic science laboratory under the Greenville County-Department of Public Safety (GC-DPS). The County of Greenville designates the GC-DPS as the agency responsible for conducting forensic biology/DNA analysis on relevant samples collected from all casework requested by the Greenville County Sheriff's Office, Coroner's Office, and the Greenville City Police Department. The GC-DPS Forensic DNA Laboratory began receiving and processing forensic biology/DNA cases from the agencies listed above after the accreditation date of March 16, 2011.

The County of Greenville's budgetary constraints prevented the GC-DPS Forensic DNA Laboratory from offering free services to neighboring counties and municipalities in the upstate region of South Carolina. Initially, a fee-for-service was available to these agencies, but their budgetary constraints hindered them from using the GC-DPS Forensic DNA Laboratory. Through NIJ CEBR grant funding, the GC-DPS has provided services to process forensic biology/DNA cases for all regional agencies at a no-cost basis since January 2013. Supporting these regional agencies has positively affected turnaround of forensic biology/DNA casework in the upstate of South Carolina and reduced the backlog to the state DNA laboratory through reduction of upstate agency submissions.

The Federal funding from this award will be used for the following goals:

1. Continue to offer forensic biology/DNA services to regional upstate SC agencies at a no-cost basis, increasing overall capacity of GC-DPS Forensic DNA Laboratory with forensic biology/DNA cases from these regional agencies.
2. Reduce the current backlog of forensic biology/DNA cases at the GC-DPS Forensic DNA Laboratory.
3. Provide continuing education for four DNA Laboratory staff.
4. Improve overall laboratory efficiency of DNA extractions/purifications and DNA mixture interpretation with a new robot and software license.

The GC-DPS Forensic DNA Laboratory expects to analyze at least 95 forensic biology and DNA cases specific to backlog and regional agencies with overtime and supply funds provided during the award period. The DNA laboratory expects to purchase and implement a QIAcube robot and TrueAllele server access license during the award period. The agency also expects to satisfy continuing education needs for four DNA Laboratory staff by providing registration/workshop fees, travel funds and lodging for the 30<sup>th</sup> International Symposium for Human Identification (ISHI) in Palm Springs, CA on September 23-26, 2019.

**Budget Summary** – When you have completed the budget worksheet, transfer the totals for each category to the spaces below. Compute the total direct costs and the total project costs. Indicate the amount of Federal funds requested and the amount of non-Federal funds that will support the project.

Budget Category	Federal Request	Non-Federal Amounts	Total
A. Personnel	\$37,920	\$0	\$37,920
B. Fringe Benefits	\$10,954	\$0	\$10,954
C. Travel	\$7,740	\$0	\$7,740
D. Equipment	\$42,152	\$0	\$42,152
E. Supplies	\$47,554	\$0	\$47,554
F. Construction	\$0	\$0	\$0
G. Consultants/Contracts	\$0	\$0	\$0
H. Other	\$3,680	\$0	\$3,680
Total Direct Costs	\$150,000	\$0	\$150,000
I. Indirect Costs	\$0	\$0	\$0
<b>TOTAL PROJECT COSTS</b>	<b>\$150,000</b>	<b>\$0</b>	<b>\$150,000</b>

<b>Federal Request</b>	\$150,000
<b>Non-Federal Amount</b>	\$0
<b>Total Project Cost</b>	\$150,000

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