

**FY2020 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 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 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. Purchase a new instrument for DNA quantification.
4. Purchase upgrade of data collection software used for DNA analysis and associated computer hardware for future compatibility with Windows 10.
5. Purchase contracts for accreditation-required internal validations of all DNA processes and chemistries utilizing the new DNA quantification instrument and upgraded DNA analysis data collection software.

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 agency also expects to purchase a new instrument for DNA quantification, hardware and software upgrades for Data Collection software used for DNA analysis and contracts for internal validation services needed to utilize the new instrumentation, chemistries and software per accreditation standards.

Budget Summary

Budget Summary

Note: Any errors detected on this page should be fixed on the corresponding Budget Detail tab.

Budget Category	Year 1		Year 2 (if needed)		Year 3 (if needed)		Year 4 (if needed)		Year 5 (if needed)		Total(s)
	Federal Request	Non-Federal Request	Federal Request	Non-Federal Request	Federal Request	Non-Federal Request	Federal Request	Non-Federal Request	Federal Request	Non-Federal Request	
A. Personnel	\$1,820	\$0	\$43,622	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$45,442
B. Fringe Benefits	\$553	\$0	\$13,216	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$13,769
C. Travel	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
D. Equipment	\$69,929	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$69,929
E. Supplies	\$0	\$0	\$22,082	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$22,082
F. Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
G. Subawards (Subgrants)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
H. Procurement Contracts	\$92,200	\$0	\$6,578	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$98,778
I. Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Direct Costs	\$164,502	\$0	\$85,498	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$250,000
J. Indirect Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Project Costs	\$164,502	\$0	\$85,498	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$250,000
Does this budget contain conference costs which is defined broadly to include meetings, retreats, seminars, symposia, and training activities? - Y/N											No