

Project Number	Project Title	Project Status	Lead Government Department	CSS Funds	In-Kind
CSSP-2014-TA-2047	Application of Next Generation Sequencing (NGS) methods for Plant Pathogen Diagnostics and Research at the Sidney Laboratory, Centre for Plant Health (CPH).	Completed in FY 15/16	Canadian Food Inspection Agency	\$177,000.00	\$0.00
CSSP-2014-TA-2048	FilmArray Biodefense Systems for Multiplexed Biological Detection and Identification	Completed in FY 15/16	Defence R&D Canada - Suffield	\$124,520.00	\$0.00
CSSP-2014-TA-2049	"Center for Excellence in Emergency Preparedness User-Management Tool (Membership Management System)"	Completed in FY 15/16	Public Health Agency of Canada	\$50,000.00	\$0.00
CSSP-2014-TA-2050	Acquisition of a MALDI TOF mass spectrometer (MS) to detect and type botulinum neurotoxins	Completed in FY 15/16	Health Canada	\$143,000.00	\$0.00
CSSP-2014-TA-2051	Atmospheric Pressure Plasma Decontamination System	Completed in FY 15/16	Public Health Agency of Canada	\$80,000.00	\$0.00
CSSP-2014-TA-2052	Acquisition of a Droplet Digital PCR (ddPCR) system for detection of foodborne pathogens	Completed in FY 15/16	Health Canada	\$102,000.00	\$0.00
CSSP-2015-TA-2124	Illumina NeoPrep system for the Advancement of Next Generation Sequencing (NGS) methods for Plant Pathogen Diagnostics and Research	Active	Canadian Food Inspection Agency	\$62,500	\$20,000
CSSP-2015-TA-2125	Unified Rapid Genomic Sequencer-based Surveillance for Foodborne Disease Outbreak Detection and Response	Active	Public Health Agency of Canada	\$1,000,000	\$1,814,520
CSSP-2015-TA-2126	Rapid Whole-Genome Sequencing Capacity for Microbial Pathogens to Frontline Food Testing Laboratories	Active	Canadian Food Inspection Agency	\$200,000	\$320,000
CSSP-2015-TA-2129	ChemiDoc MP Imager for Rapid Detection of Living Pathogens for the Safety and Security of Canadian Food and Water.	Active	National Research Council Canada	\$36,000	\$220,506

CSSP-2016-TA-2210	Automation of Next Generation Sequencing (NGS) Library Preparation to Enhance Infectious Disease Diagnosis and Outbreak Response in Canada	Active	Canadian Food Inspection Agency	\$180,000	\$45,000
09-0462RD	Next generation sequencing, direct detection and genotyping of fungi, bacteria and nematodes in the agri-food system	Active	Agriculture and Agri-Foods Canada	\$1,999,000.00	\$1,655,000.00
09-0481TD	An Optical Imaging Device for a Rapid Assessment of Tissue Viability and Wound Healing	Active	National Research Council of Canada	\$1,810,328.00	\$1,215,035.00
CSSP-2015-CP-2098	Understanding Antimicrobial Resistance Using a Complex Adaptive Systems Approach	Active	Public Health Agency of Canada	\$249,600.00	\$150,000.00
CSSP-2015-CP-2099	Canadian Network for Public Health Intelligence (CNPHI) "on the go"	Active	Public Health Agency of Canada	\$600,000.00	\$650,000.00
CSSP-2015-TI-2153	The Development of International Best Practices for Microbial Forensics	Active	Public Health Agency of Canada	\$254,600.00	\$169,000.00
CSSP-2015-TI-2157	Integrated Microbiology Testing Laboratory Network	Active	Canadian Food Inspection Agency	\$140,000.00	\$440,000.00
CSSP-2015-TI-2194	Confirmation study on Ebola Surface Persistence and Decontamination and the Evaluation of Cold Weather Decontamination	Active	Defence R&D Canada - CSS	\$180,000.00	\$231,400.00
CSSP-2015-TI-2195	Workshop on Four-Eyes BSL4 Laboratory network	Active	Canadian Food Inspection Agency	\$100,000.00	\$40,000.00
CSSP-2016-TI-2222	Whole Genome Sequencing of High Consequence Agents at National Centre for Foreign Animal Disease (NCFAD)	Active	Canadian Food Inspection Agency	\$400,000	\$520,000
CSSP-2016-TI-2221	Biosafety Level 4 Zoonotic Network (BSL4ZNet): Implementing Strategic framework for international coordination	Active	Canadian Food Inspection Agency	\$1,000,000	\$1,500,000
CSSP-2018-TI-	Multi-agency high consequence	In development	Public Health Agency of Canada	\$200,000	\$150,000

2405	pathogen exercise				
CSSP-2018-TI-2404	Foresight exercise on Synthetic biology for security	In development	DRDC CSS	\$250,000	\$250,000
CSSP-2018-TI-2395	Hot Zone Biological Sample Collection for National Security Response	Active	Public Health Agency of Canada	\$223,327	\$84,500
CSSP-2018-TI-2389	Exercise CNPHI on-the-go mobile app	Active	Public Health Agency of Canada	\$100,000	\$60,000
CSSP-2018-TI-2387	Biosafety Level 4 Zoonotic Laboratory Network (BSL4ZNet): Canadian-led exercise	Active	Canadian Food Inspection Agency	\$270,000	\$50,000
CSSP-2018-TI-2386	Integrated bio-forensic response to human and animal high consequence pathogens	Active	Canadian Food Inspection Agency	\$341,250	\$84,000
CSSP-2018-TI-2372	CAPEX 2018	Active	Royal Canadian Mounted Police	\$150,000	\$127,000
CSSP-2018-TI-2330	Support to the Scientific and Technical Intelligence Group Meeting and Table Top Exercise	Active	Public Safety Canada	\$30,000	\$191,728
CSSP-2018-CP-2342	Portable Automated Biosensing of Potential Dual-Use Bio-threats to Water Systems	Active	Health Canada	\$995,000	\$153,000
CSSP-2018-CP-2341	Enhancing Canada's Biothreat Operator Preparedness and Response Capability	Active	Canadian Food Inspection Agency	\$860,000	\$725,000
CSSP-2018-CP-2340	Synthetic Biology Threats: Fighting fire with fire	Active	Canadian Food Inspection Agency	\$995,000	\$1,180,000
CSSP-2018-CP-2339	Enhancing Canada's Response Capability to High Priority and Unknown/Unexpected Viruses	Active	Canadian Food Inspection Agency	\$600,000	\$327,000
CSSP-2017-CP-2312	Mobile device for field detection of microbial threats in food	Active	Canadian Food Inspection Agency	\$910,000	\$1,077,000
				\$16,358,125	\$11,956,910