



DEPARTMENT OF ADMINISTRATIVE AND FINANCIAL SERVICES
OFFICE OF STATE PROCUREMENT SERVICES
 STATE OF MAINE

PROCUREMENT JUSTIFICATION FORM (PJF)

This form must accompany all contract requests and sole source requisitions (RQS) over \$5,000 submitted to the Office of State Procurement Services.

INSTRUCTIONS: Please provide the requested information in the white spaces below. All responses (except signatures) must be typed; no hand-written forms will be accepted. See the guidance document posted with this form on the Procurement Services intranet site (Forms page) for additional instructions.

PART I: OVERVIEW			
Department Office/Division/Program:		DHHS/Maine CDC	
Department Contract Administrator or Grant Coordinator:		Chris Moiles / Storm Dexter	
(If applicable) Department Reference #:		CD0-25-54CAP22	
Amount: (Contract/Amendment/Grant)	\$ 103,157.20	Advantage CT / RQS #:	RQS-10A-20241218000000000885
CONTRACT	Proposed Start Date:	2/1/2025	Proposed End Date: 9/30/2025
AMENDMENT	Original Start Date:		Effective Date:
	Previous End Date:		New End Date:
GRANT	Project Start Date:		Grant Start Date:
	Project End Date:		Grant End Date:
Vendor/Provider/Grantee Name, City, State:		Illumina, Inc. San Diego, CA	
Brief Description of Goods/Services/Grant:		Whole genome sequencer	

PART II: JUSTIFICATION FOR VENDOR SELECTION			
Check the box below for the justification(s) that applies to this request. (Check all that apply.)			
<input type="checkbox"/>	A. Competitive Process	<input type="checkbox"/>	G. Grant
<input type="checkbox"/>	B. Amendment	<input type="checkbox"/>	H. State Statute/Agency Directed
<input checked="" type="checkbox"/>	C. Single Source/Unique Vendor	<input type="checkbox"/>	I. Federal Agency Directed
<input checked="" type="checkbox"/>	D. Proprietary/Copyright/Patents	<input type="checkbox"/>	J. Willing and Qualified
<input type="checkbox"/>	E. Emergency	<input type="checkbox"/>	K. Client Choice
<input type="checkbox"/>	F. University Cooperative Project	<input type="checkbox"/>	L. Other Authorization

Please respond to ALL of the questions in the following sections.

PART III: SUPPLEMENTAL INFORMATION

1. Provide a more detailed description and explain the need for the goods, services or grant to supplement the response in Part I.

The purchase of a new Illumina MiSeq i100 Plus System whole genome sequencer will increase HETL’s capacity to test for foodborne/waterborne diseases (Salmonella, E. coli, Listeria, Shigella, Vibrio, Campylobacter) and hospital associated infections (Enterobacter, Klebsiella, MRSA). This instrument is the next generation of our current Illumina MiSeq systems. Our turnaround time to sequence outbreaks, strain type bacteria and viruses, and identify antibiotic resistance and virulence factors will decrease from 30-50 hours to 4-15 hours. This will allow Maine CDC epidemiologists and infection control coordinators to react more quickly to outbreak scenarios, directly affecting the food/water supply and patient care. Also, the amount of data generated is increased from ~25Mb per sample to 250Mb per sample, reducing the possibility of re-sequencing samples. Finally, this instrument will be replacing our original eight-year-old Illumina MiSeq and its associated annual service contract.

2. Provide a brief justification for the selected vendor to supplement the response in Part II. Reference the RFP number, if applicable.

Illumina is the sole vendor and manufacturer of the MiSeq whole genome sequencer. HETL already has three of these instruments and is the only laboratory in the state which uses whole genome sequencing to identify and link bacterial outbreaks at a genetic level. This instrument is the next generation of our current Illumina MiSeq systems and will be replacing our original eight year old Illumina MiSeq and its associated annual service contract.

3. Explain how the negotiated costs or rates are fair and reasonable; or how the funding was allocated to grantee.

Funding was allocated to the laboratory by the Project E: AMD Sequencing & Analytics (AMD2C6) – COVID grant. A 20% discount has been applied to the purchase of the instrument and a 5% discount has been applied to the first annual preventative maintenance plan since we are a current customer of Illumina.

4. Describe the plan for future competition for the goods or services.

NONE. Illumina is the sole vendor and manufacturer of the MiSeq whole genome sequencer. HETL already has three of these instruments and is the only laboratory in the state which uses whole genome sequencing to provide the services listed in Section 1.

PART IV: AMERICAN RESCUE PLAN ACT (ARPA) / MAINE JOBS & RECOVERY PLAN (MJRP)

Does this request utilize ARPA/MJRP funds?

Yes, MJRP funds (023) – If Yes, please attach the approved Business Case(s).

Yes, ARPA funds (025) – If Yes, please be aware of the requirements from awarding federal agencies.

No – If No, proceed to Part V.

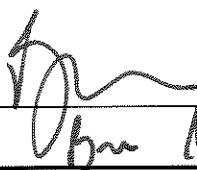

PART V: CONFLICTS OF INTEREST (COI); CONTRACT WITH THE STATE

Maine law contains Conflict of Interest statutes directed to State Departments, State Officers, and Employees Generally under MRS Title 5, §18 and §18-A, in harmony with MRS Title 17, §3104.

The requesting department signatory understands and acknowledges Maine's Conflict of Interest statutes.

PART VI: APPROVALS

The signatures below indicate approval of this procurement request.

Signature of requesting Department's Commissioner (or designee):			
Typed Name:	John Moran	Date:	1/27/25
Signature of DAFS Procurement Official:	DocuSigned by: 		
Typed Name:	Michael McNeil	Date:	5/22/2025

NOI 0520250472