



135 Berkshire Street, Cambridge, Massachusetts 02141

February 15, 2022

TO THE HONORABLE MEMBERS OF THE SCHOOL COMMITTEE:

CONTRACT: Professional & Technical Services

RECOMMENDATION:

That the School Committee approve a contract with the following vendor, funds to be provided in accordance with the budget reference listed below. Procurement procedures for this purchase have complied with Chapter 30B of the laws of the Commonwealth of Massachusetts.

<u>Contractor</u>	<u>Period of Contract</u>	<u>Amount</u>
UMass Amherst Donahue Institute 100 Venture Way Suite 9 Hadley, MA 01035	03/01/22 – 12/31/22	\$38,700.00

DESCRIPTION:

This contract is for an update the Child Population and School Enrollment Projections study conducted in 2019. Since the time of that study, the COVID-19 pandemic has caused major disruptions in school enrollment patterns, fertility rates, migration patterns, immigration, and workforce participation. The updated projections will be for the period of 2022 through 2032.

SUPPORTING DATA, RULES OF THE SCHOOL COMMITTEE: Chapter III, Section 12..." motions calling for the appropriation or expenditure of money require the affirmative vote of four members."

BUDGET REFERENCE:

Fund		Account		Dept.	
15000	General Fund	53101	Professional & Technical Services	895860	Chief Financial Officer/Budget

Respectfully Submitted,

Victoria L. Greer, PhD

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Superintendent of Schools

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SUPPLEMENTAL INFORMATION: UMass Amherst Donahue Institute

Purpose: Update to the 2019 child population and CPS enrollment projections study

Amount of Contract: \$38,700

Description/Scope of Services:

In November 2019, the UMass Donahue Institute (UMDI), working in collaboration with Early Childhood Associates, produced a 10-year (2020 to 2030) population and school enrollment projections for Cambridge Public Schools (CPS) as part of a larger study assessing current and future pre-Kindergarten demand in the City of Cambridge. Since the time of that study, the COVID-19 pandemic has caused major disruptions in school enrollment patterns, fertility rates, migration patterns, immigration, and workforce participation. CPS has requested that UMDI update its population and school enrollment projections for CPS with the latest data available. The projection period will be 2022 through 2032.

Updates to the projections will include:

- Setting a new “launch” population for the projected children and projected maternal cohorts using UMDI age/sex estimates controlled to Census 2020 count results for Cambridge.
- Incorporating updated fertility data, including births by age of mother through 2019, and considering provisional 2020 births data (previously used fertility data through 2016).
- Incorporating actual enrollment data through fall 2021 (previous projections used enrollment data through 2017-18 school year).
- Given the likely disruption in regular enrollment patterns in 2020, UMDI will provide a standard school enrollment projection which incorporates Fall 2020 enrollment and two alternative enrollment projections, including:
 - one alternative projection which replaces Fall 2020 enrollment with synthetic (projected) enrollment values, and
 - one which incorporates Fall 2020 disruptions but assumes a return-to-normal grade-progression-ratio within 5 years.
- UMDI will incorporate a Housing Development Pipeline Adjustment into the enrollment estimates.