DATE: July 15, 2024

TO: President and Honorable Board Members,
Corpus Christi B Corporation

FROM: Randy Almaguer, Compliance Officer, CCREDC
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Del Mar College - Enhanced Skills Training for High Demand Careers

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STAFF PRESENTER:

Name	Title/Position	Department
1. Randy Almaguer	Compliance Officer	Corpus Christi Regional EDC

BACKGROUND:

The purpose of this program is to request funding for the Enhanced Skills Training for High Demand Careers project in partnership with Del Mar College (DMC) and Del Mar College Foundation, Inc. This initiative addresses critical workforce needs in the South Texas Coastal Bend region by upgrading and expanding training programs in Industrial Instrumentation, Artificial Intelligence and Geospatial Visualization, Engineering & Robotics, Chemistry Lab Technicians, and Industrial Machining.

Del Mar College has a long history of providing quality instruction through associate degree programs, continuing education certifications, and specialized contract training. As we continue to recover from the economic impact of the COVID-19 pandemic, DMC remains the primary training resource addressing local workforce needs across various high-demand sectors.

Funding Request Overview
The total funding request of $1,898,370.00 will support the acquisition of state-of-the-art equipment essential for improving the educational experience and meeting workforce demands. The breakdown of the funding request is as follows:

Industrial Instrumentation	$728,000
Artificial Intelligence and Geospatial Visualization Laboratory	$128,000
Engineering and Robotics	$154,370
Chemistry Laboratory Technicians	$532,500
Industrial Machining	$355,500
Total	**$1,898,370**

The proposed funding will significantly impact local workforce development, addressing current and emerging needs. Key benefits include:

- **Industrial Instrumentation:** Enhanced training for technicians crucial for automated control systems in local industries.
  - Local job growth potential: 14% with an *average* salary of $83,200.
- **Artificial Intelligence and Geospatial Visualization:** Equipping DMC with advanced computer workstations to support GIS and GeoAI programs.
  - Local job growth potential: 10-24%, with *average* salaries ranging from $58,936 to $124,800.
- **Engineering & Robotics:** Providing cutting-edge equipment to support various engineering disciplines.
  - Expected to increase enrollment by 5 annually.
  - Local job growth potential: 10-15%, with *average* salaries ranging from $65,000 to $90,000.
- **Chemistry Lab Technicians:** Preparing students with essential skills for chemical testing and analysis.
  - Local job growth potential: 12% with an *average* salary of $58,240.
- **Industrial Machining and Welding:** Offering hands-on training with computer numerical control (CNC) and plasma cutting tools, essential for precision metal part manufacturing.
  - Local job growth potential: 15%, with average salaries ranging from $53,768 to $92,993.

This initiative aligns with the mission of Del Mar College to provide quality education and workforce preparation. By supporting these programs, we will directly contribute to the local economy by ensuring a steady supply of skilled workers for high-demand careers. The enhanced training facilities will attract more students, cementing Corpus Christi's position as a technical education hub and workforce development hub.

LIST OF SUPPORTING DOCUMENTS: