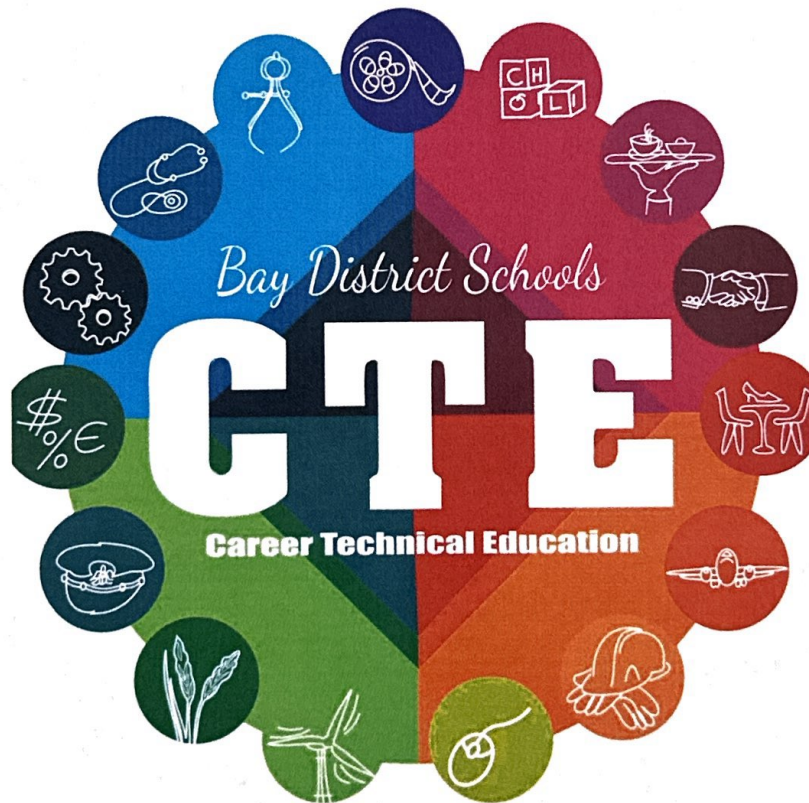


Triumph Gulf Coast, Inc.
Application for Funds
November 2024

Bay District Schools



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PUTTING
THE 'A'
BACK IN **BAY**

Applicant Information:

Name of Entity/Organization: Bay District Schools

Background of Applicant Individual/Entity/Organization:

Bay District Schools, governed by an elected five-member board, is responsible for setting school policies designed to deliver the best possible education to each student. Led by Superintendent Mark McQueen, the district comprises 42 schools: 5 high schools, 6 middle schools, 2 multi-grade level schools (K-8 and K-12), 3 special purpose schools, 1 adult technical college, 6 charter schools and 1 virtual school. The entire school system has a total membership of more than 28,000 students from Pre-K to adult.

Federal Employer Identification Number: 59-600051

Contact Information: Jonathon Moore
Supervisor of Career and Technical Education Programs
1311 Balboa Avenue, Panama City, FL 32401
850-767-4356
moorej1@bay.k12.fl.us

Identify any co-applicants, partners, or other entities or organizations that will have a role in the proposed project or program and such partners' proposed roles.

- Bay District Schools will partner with Florida State University, specifically Project ASCENT and Project InSpire

Total amount of funding requested from Triumph Gulf Coast: \$8,075,000

Has the applicant in the past requested or applied for funds for all or part of the proposed project/program? No

Describe the financial status of the applicant and any co-applicants or partners: Bay District Schools is in good financial status as indicated in the most recent audit from June 30, 2023.

In a separate attachment, please provide financial statements or information that details the financial status of the applicant and any co-applicants or partners.

Document is attached.

Has the applicant or any co-applicants, partners or any associated or affiliated entities or individuals filed for bankruptcy in the last ten (10) years? No

Eligibility:

Eligibility Pursuant to Section 288.8017, Triumph Gulf Coast, Inc. was created to make awards from available funds to projects or programs that meet the priorities for economic recovery, diversification, and enhancement of the disproportionately affected counties. The disproportionately affected counties are: Bay County, Escambia County, Franklin County, Gulf County, Okaloosa County, Santa Rosa County, Walton County, or Wakulla County. See, Section 288.08012.

1. From the choices below, please check the box that describes the purpose of the proposed project or program (check all that apply):

- ☐ Ad valorem tax rate reduction within disproportionately affected counties;
- ☐ Local match requirements of s.288.0655 for projects in the disproportionately affected counties;
- ☐ Public infrastructure projects for construction, expansion, or maintenance which are shown to enhance economic recovery, diversification, and enhancement of the disproportionately affected counties;
- ☐ Grants to local governments in the disproportionately affected counties to establish and maintain equipment and trained personnel for local action plans of response to respond to disasters, such as plans created for the Coastal Impacts Assistance Program;
- ☒ Grants to support programs that prepare students for future occupations and careers at K-20 institutions that have campuses in the disproportionately affected counties. Eligible programs include those that increase students' technology skills and knowledge; encourage industry certifications; provide rigorous, alternative pathways for students to meet high school graduation requirements; strengthen career readiness initiatives; fund high-demand programs of emphasis at the bachelor's and master's level designated by the Board of Governors; and, similar to or the same as talent retention programs created by the Chancellor of the State University System and the Commission of Education, encourage students with interest or aptitude for science, technology, engineering, mathematics, and medical disciplines to pursue postsecondary education at a state university or a Florida College System institution within the disproportionately affected counties;
- ☒ Grants to support programs that provide participants in the disproportionately affected counties with transferable, sustainable workforce skills that are not confined to a single employer; and

- ❑ Grants to the tourism entity created under s. 288.1226 for the purpose of advertising and promoting tourism and Fresh From Florida, and grants to promote workforce and infrastructure, on behalf of all of the disproportionately affected counties.

2. Provide the title and a detailed description of the proposed project or program, including the location of the proposed project or program, a detailed description of, and quantitative evidence demonstrating how the proposed project or program will promote economic recovery, diversification, and enhancement of the disproportionately affected counties, a proposed timeline for the proposed project or program, and the disproportionately affected counties that will be impacted by the proposed project or program.

Project Title: Bay District Schools- Aviation, HealthCare, and AI Expansion

Funding Request: \$8,075,000

Matching Funds: \$8,000,000

Program Location: Bay County, Florida

Description:

In-demand career fields in Bay County and the nearby region include healthcare/medical, aerospace, manufacturing, and Artificial Intelligence. This request will establish pathways for Bay District Schools students to enroll in local postsecondary institutions with similar Triumph-funded programs, including Gulf Coast State College and Florida State University-Panama City (FSU-PC). To maximize the potential impacts of this grant, BDS has collaborated with other regional CTE programs in the area, including Okaloosa County Schools and FSU Ascent.

Program Goals-

This request has five key goals that will strengthen the CTE programs of Bay District Schools and begin training our students for the future workforce. The five goals are:

1. Expand in-demand high-wage CTE programs at the traditional (5) high schools in Bay County, resulting in 2880 new industry certifications and dual enrollment milestones.
2. Maximize collaborative partnerships between BDS, FSU Ascent, and FSU InSpire.
3. Create a new CTE Framework to be adopted by the DOE and available across Florida.
4. Increase Dual Enrollment opportunities for BDS students at Haney Technical College, Florida State University, and Gulf Coast State College.
5. Create dynamic and engaging computer science learning spaces for the students of Bay County.

Goal 1: Expand in-demand high-wage CTE programs - As the regional economy attracts more industries, specifically Aerospace and Health Care, Bay District Schools must implement CTE programs to prepare students for the future workforce. The economy of Bay County and the surrounding region have transformed into a hub for aerospace and health care. The addition of Premier Aviation, “Project Spinner,” and the emerging campus of Tallahassee Memorial HealthCare to Bay County have ignited a significant change to the economic outlook of Bay County.

Goal 2: Build Collaborative Partnerships- FSU Ascent has proven to be an excellent partner to Bay District Schools. This partnership has provided multiple professional learning opportunities for our teachers in Computer Science across multiple grade levels. Our partnership has allowed us to expand Digital Tools offerings to elementary schools, specifically our 4th and 5th grade students. Finally, this partnership has provided a safe space for problem-solving amongst like-minded teams. As both FSU Ascent and FSU Inspire are rooted in Bay County, the success of those programs is connected to the success of Bay District students and staff.

Goal 3: Create a new CTE Framework- Within the local region of Bay County, our economy is seeing explosive growth in Aerospace and Health Care. As these industries continue to thrive in our area, we must prepare students for the known and unknown in these job sectors. The emergence of Artificial Intelligence provides an opportunity for Bay District Schools and FSU, specifically the Learning Systems Institute, to collaborate and create a new CTE Course Framework rooted in Artificial Intelligence. We will focus on creating a “core” framework linked to Aerospace, Health Care, Engineering, Computer Science, and Advanced Manufacturing industry certifications. This framework will provide a foundational understanding of Artificial Intelligence and how AI works in the targeted industries.

Goal 4: Increase Dual Enrollment Opportunities- Haney Technical College, Gulf Coast State College, and Florida State University have recently been awarded over \$150 million in funding from Triumph Gulf Coast for programs focused on Aerospace and Health Care. Bay District Schools will leverage the opportunities provided by the grant to increase dual enrollment opportunities available for qualifying students. The administrative team at Haney has revised its spring schedule to reflect a hybrid schedule where students will participate in online and hands-on learning. This change to a hybrid model will provide Haney with flexibility in increasing general and dual enrollment opportunities. Secondary programs that already exist, such as Unmanned Aircraft Systems and Allied Health, will easily integrate into the hybrid schedule. This integration will allow secondary students to pursue industry certifications such as Certified Nursing Assistant and Aviation Maintenance Technician much faster than their peers in similar high school programs. We envision secondary programs such as Unmanned Aircraft Systems, Allied Health, and Engineering Pathways to first access the new AI framework.

Students enrolled in these pathways will quickly be able to use their AI skills while dual-enrolled at our local post-secondary campuses.

Goal 5: Create dynamic and engaging computer science learning spaces- As our CTE team worked with the Okaloosa County CTE team to model our request, it became clear that we needed to focus on the long-term viability of our CTE Computer Science Programs in grades 6-12. A common goal between our grants is to create dynamic, high-engaging computer science learning spaces. Across Bay District Schools, our team has identified approximately thirty existing learning spaces that need updated furniture, new desktop computers, and renovations (room lighting, paint, internet access points, etc). As our students begin working with high-strain software training programs, we must support their learning with computer equipment built for success. We currently have outdated desktop computers in many identified learning spaces; these machines lack the computing power necessary for our students to succeed. As the implementation of the new framework begins, low student enrollment is expected in the first years of specific CTE programs. To combat this problem, grant funds will be utilized to pay the salary of highly qualified instructors when assigned FTE funds are insufficient. Continuing efforts for long-term success, Bay District Schools will utilize grant funds to pay the salary of no more than two additional CTE support staff to help with grant management and data collection. These support positions will help to ensure compliance with grant requirements.

Timeline for Implementation-

Bay District Schools is committed to a ten-year timeline for Triumph Grant 276. The 2024-2025 school year will be the start of the project. The project's first year will be focused on providing professional learning led by FSU Ascent and the FSU Learning Systems Institute team. In the first year, BDS will work to implement Digital Tools at our elementary schools and begin the design of the AI Core framework. The purchase of the necessary furniture and technology equipment will also begin to refresh selected learning spaces. The anticipated program implementation is to begin at Breakfast Point Academy with students in grade 8 and Arnold High School with students in grade 9 in the school year 2025-2026. The school year 2026-2027 will see Surfside Middle School begin program implementation along with year two at Breakfast Point Academy and Arnold High School. The school year 2027-2028 will be a pivotal year in our project as we determine whether to expand the new CTE programs to other schools across Bay District or continue with progress at the previously established school sites.

Impacted CTE Programs:

Aerospace-

Bay County has positioned itself as a significant player in the aviation/aerospace industry. The proximity to the Gulf of Mexico, Tyndall AFB, Haney Technical College, and the FSU InSpire project contribute to the industry's relocation to Bay County and surrounding areas. Through this project, Bay District Schools will collaborate with Florida State University by utilizing InSpire for professional learning/development of secondary teachers and aerospace research/training opportunities for secondary students. Bay District Schools has an Unmanned Aircraft Systems program at Arnold High School and will begin implementing a similar program at Deane Bozeman School as early as the 2025-2026 school year. Through this project, these programs will expand certification offerings in future years to include FAA Aviation General Maintenance, increase student options for dual enrollment at local postsecondary institutions, and student access to future certifications linked to the AI Core framework.

HealthCare-

The 2020 Census reports that Bay County, Florida, had a population of approximately 175,000 citizens. Recent data suggest the population to be over 190,000 and nearing 200,000. Bay County is unique to the region as it hosts three hospitals with a combined bed count of 500 beds to service the community. As Tallahassee Memorial Health expands its campus, the beds available to the community could increase to as many as 900 in future years. The growing medical industry requires Doctors and highly skilled medical professionals such as nurses, patient care technicians, surgical assistants, and medical office staff. Training the future workforce for the medical industry is a priority for Bay District Schools. The current enrollment of approximately 225 students in HealthCare programs (Arnold High School, Rutherford High School, Bay High School) is expected to double throughout the life of this project. Through this project, these programs will expand certification offerings in future years to include Certified Clinical Medical Assistant, Certified Nursing Assistant, and Phlebotomy Technician, increase student options for dual enrollment at local postsecondary institutions, and student access to future certifications linked to the AI Core framework.

Computer Science-

This project aims to create a new core framework for using artificial intelligence that can be linked to multiple industries and is interchangeable based on industry needs. In planning for the 2024-2025 school year, Bay District Schools revamped the multiple Computer Science pathways already in place with a singular focus on Python Coding. The TIOBE index consistently ranks Python Coding as the most popular coding language used in the Computer Science industry. The

TIOBE Programming Community index indicates the popularity of programming languages. The index is updated once a month. The ratings are based on the number of skilled engineers world-wide, courses and third party vendors. Popular websites Google, Amazon, Wikipedia, Bing and more than 20 others are used to calculate the ratings. Bay District Schools has recently implemented digital tools certification at fifteen elementary schools, impacting approximately 1,500 students. The purpose of this implementation is not limited to education but also preparation for future rigorous courses in grades 6-12 that focus on Python industry certification. As our district creates the AI core framework, we will also become a state leader in Python certification. Through this project, multiple computer science learning spaces will be renovated to create engaging learning environments, and approximately 900 desktop computer stations will be replaced. Expanding Computer Science programs and creating new Computer Science programs across Bay District Schools will provide more opportunities for students to earn Python Coding certification and further dual enrollment options with our local postsecondary institutions.

Engineering/Advanced Manufacturing-

The web page dedicated to the FSU InSpire project says the following about the goals of InSpire, “the primary goal is to fundamentally transform the regional economic landscape by attracting future-proof jobs, strengthening a talented and ready workforce, and supporting visionary infrastructure.” Through this project, Bay District Schools will collaborate with Florida State University to expand certification and CTE course offerings in the pathways of Engineering and Manufacturing. The goal of these programs will be to align skills, research, and certification to expedite the training of students for integration into either the workforce or dual enrollment opportunities at Florida State and other postsecondary institutions.

3. Explain how the proposed project or program is considered transformational and how it will affect the disproportionately affected counties in the next ten (10) years.

This project will provide new opportunities for students in the pathways of Aerospace, HealthCare, Engineering, Computer Science, and Advanced Manufacturing. Through this grant students of Bay District Schools will be immersed in the use of Artificial Intelligence through these different career pathways. The grant will enable Bay District Schools to better align high school programs with local post-secondary institutions. As a result of this alignment, students will see increased opportunities to earn dual enrollment certifications and similar milestones.

4. Describe data or information available to demonstrate the viability of the proposed project or program.

Currently, Bay District Schools has approximately 6,484 students enrolled in CTE programs across grade levels 4-12. This number represents nearly 25% of the total enrollment of Bay District Schools. Bay District Schools has seen a significant increase in the total attainment of industry exams over the last three school years. Data shows that for the 2021-2022 school year students earned 1,903 industry certifications compared to school year 23-24 data which shows students earned 2,987 industry certifications, this is an increase of 57%. Additionally, the included job growth data establishes support for these career pathways.

Projected Wage and Job Data for Careers of the Future 2023 - 2031

Career Field	Current Growth (%)	Median Hourly Wage
Aerospace Engineering	16.6%	\$36.60
Medical Assistant	20.4%	\$18.43
Information Security Analyst (Cybersecurity)	31%	\$50.05
Electrical and Electronics Engineering Technologists (Manufacturing)	7.0%	\$30.36

5. Describe how the impacts to the disproportionately affected counties will be measured long term.

Bay District Schools students will earn 2,880 industry certifications over the grant period. Additionally, students will have increased opportunities for Dual Enrollment that leads to industry certification and other DE Milestones.

6. Describe how the proposed project or program is sustainable. (Note: Sustainable means how the proposed project or program will remain financially viable and continue to perform in the long-term after Triumph Gulf Coast, Inc. funding.)

After the initial investment, the programs could become self-sustaining through funds from Full-Time Equivalent (FTE) money based on student enrollment numbers that allocate state funding per student. Additional funding would be earned through CAPE Industry Certification funding. Each industry certification associated with these programs is on the Florida CAPE Industry Certification funding list which pays by FTE and FEFP (amount changes annually).

7. Describe how the deliverables for the proposed project or program will be measured.

Bay District Schools students will earn 2,880 industry certifications over the grant period. Additionally, students will have increased opportunities for Dual Enrollment that leads to industry certification and other DE Milestones. The industry certifications will be measured through annual data reports

Priorities:

1. Please check the box if the proposed project or program will meet any of the following priorities (check all that apply):

- ☐ Generate maximum estimated economic benefits, based on tools and models not generally employed by economic input-output analyses, including cost-benefit, return-on-investment, or dynamic scoring techniques to determine how the long term economic growth potential of the disproportionately affected counties may be enhanced by the investment.
- ✓ Increase household income in the disproportionately affected counties above national average household income.
- ✓ Leverage or further enhance key regional assets, including educational institutions, research facilities, and military bases.
- ☐ Partner with local governments to provide funds, infrastructure, land, or other assistance for the project.
- ☐ Benefit the environment, in addition to the economy.
- ☐ Provide outcome measures.
- ✓ Partner with K-20 educational institutions or school districts located within the disproportionately affected counties as of January 1, 2017.
- ☐ Are recommended by the board of county commissioners of the county in which the project or program will be located.
- ☐ Partner with convention and visitor bureaus, tourist development councils, or chambers of commerce located within the disproportionately affected counties.

2. Please explain how the proposed project meets the priorities identified above.

As the regional economy attracts more industries, specifically Aerospace and Health Care, Bay District Schools must implement CTE programs to prepare students for the future workforce. The economy of Bay County and the surrounding region have transformed into a hub for aerospace and health care. The addition of Premier Aviation, “Project Spinner,” and the emerging campus of Tallahassee Memorial HealthCare to Bay County have ignited a significant change to the economic outlook of Bay County. Bay District Schools will continue building on the collaborative relationship we have established with Florida State University. FSU Ascent has proven to be an excellent partner to Bay District Schools. This partnership has provided multiple professional learning opportunities for our teachers in Computer Science across multiple grade levels. Our partnership has allowed us to expand Digital Tools offerings to elementary schools, specifically our 4th and 5th grade students. Finally, this partnership has provided a safe space for problem-solving amongst like-minded teams. As both FSU Ascent and FSU Inspire are rooted in Bay County, the success of those programs is connected to the success of Bay District students and staff. Within the local region of Bay County, our economy is seeing explosive growth in Aerospace and Health Care. As these industries continue to thrive in our area, we must prepare students for the known and unknown in these job sectors. The emergence of Artificial Intelligence provides an opportunity for Bay District Schools and FSU, specifically the Learning Systems Institute, to collaborate and create a new CTE Course Framework rooted in Artificial Intelligence. We will focus on creating a “core” framework linked to Aerospace, Health Care, Engineering, Computer Science, and Advanced Manufacturing industry certifications. This framework will provide a foundational understanding of Artificial Intelligence and how AI works in the targeted industries.

3. Please explain how the proposed project or program meets the discretionary priorities identified by the Board.

- This project is transformational for Bay County as it will provide opportunities for students to be trained and workforce ready in Aerospace, HealthCare, Engineering, Artificial Intelligence, Computer Science, and Manufacturing. These industries are high skill and high wage industries that will provide significant economic benefits to students.
- This project will further build the connection and relationship between Florida State University (Project Ascent & Project InSpire) and Bay District Schools.
- This project will result in the creation of a new Career and Technical Education course framework. This framework will be focused on Artificial Intelligence with the intent of being a core framework that can be attached to other course frameworks. Once adopted by the Department of Education this framework will be eligible to all providers across the State of Florida.

- This project will increase the opportunities for high school students to participate in Dual Enrollment at the postsecondary level.
- This project will create dynamic and engaging learning spaces across Bay District Schools. Over thirty computer science classrooms will be renovated, and more than 900 computer stations will be upgraded.

4. In which of the eight disproportionately affected county/counties is the proposed project or program located?

Bay County

5. Was this proposed project or program on a list of proposed projects and programs submitted to Triumph Gulf Coast, Inc., by one (or more) of the eight disproportionately affected Counties as a project and program located within its county? No

If yes, list all Counties that apply:

6. Does the Board of County Commissioners for each County listed in response to question 5, above, recommend this project or program to Triumph? NO

Approvals and Authority

1. If the Applicant is awarded grant funds based on this proposal, what approvals must be obtained before Applicant can execute an agreement with Triumph Gulf Coast, Inc.?

In order to execute an agreement, Bay District School Board approval is required.

2. If approval of a board, commission, council or other group is needed prior to execution of an agreement between the entity and Triumph Gulf Coast:

In order to execute an agreement, Bay District School Board approval is required.

A. Provide the schedule of upcoming meetings for the group for a period of at least six months.

December 10, 2024

January 14, 2025

January 28, 2025

February 11, 2025

February 25, 2025

March 11, 2025

March 25, 2025

April 08, 2025

April 22, 2025

May 13, 2025

May 27, 2025

B. State whether that group can hold special meetings, and if so, upon how many days' notice.

Yes, special board meetings can be scheduled with 48-hours notice.

3. Describe the timeline for the proposed project or program if an award of funding is approved, including milestones that will be achieved following an award through completion of the proposed project or program.

Summary Timeline of Activities and Milestones: (After funding is awarded)

Timeline	Activities	Milestones
1-6 months	Purchase of Computer Equipment Teacher Professional Learning Draft of course framework	Invoices for equipment DOE Recognition of Framework
6-12 months	Renovation of Computer Science Learning Spaces AI Core Course Framework accepted by Department of Education	Documentation of renovations Approval of course framework
12-24 months	Expansion of CTE programs to include AI Computer Science, Aerospace, Engineering, and HealthCare	Student enrollment records Industry Certifications
36 months on	Students complete courses, earn industry credentials, become employable	Student completion numbers / Industry Certifications earned / Students hired in field of study or continue education

4. Attach evidence that the undersigned has all necessary authority to execute this proposal on behalf of the entity applying for funding. This evidence may take a variety of forms, including but not limited to: a delegation of authority, citation to relevant laws or codes, policy documents, etc. In addition, please attach any support letters from partners.

Bay District Schools is governed by an elected five-member board responsible for setting school policies that are designed to deliver the best possible education to each child. The policies govern budgetary, facility, and personnel resources, as well as the students, faculty and staff at each school. School board policies also ensure local schools comply with state and federal laws. Bay District Schools is led by Superintendent Mark McQueen. The Superintendent has the authority to execute this proposal following board approval.

The District School Board is the Agency Head for the Bay County School System. Members of the Board are elected for four-year terms at the general election held in November of even numbered years, pursuant to Sections 1001.34, 1001.35, 1001.36, Florida Statutes. The general duties and responsibilities of the School Board are as stated in these rules and in Section 1001.42, Florida Statutes. (See Appendix C BDS Board Book: School Board)

Funding and Budget:

Pursuant to Section 288.8017, awards may not be used to finance 100 percent of any project or program. An awardee may not receive all of the funds available in any given year.

1. Identify the amount of funding sought from Triumph Gulf Coast, Inc. and the time period over which funding is requested.

\$8,075,000 is sought from Triumph over a period of ten years.

2. What percentage of total program or project costs does the requested award from Triumph Gulf Coast, Inc. represent? (Please note that an award of funding will be for a defined monetary amount and will not be based on percentage of projected project costs.)

51% - Total projected cost is \$16,075,000

3. Please describe the types and number of jobs expected from the proposed project or program and the expected average wage.

This project will earn 2,880 industry certifications across several industries which include Aerospace, HealthCare, Engineering, Computer Science, and Manufacturing.

4. Does the potential award supplement but not supplant existing funding sources? If yes, describe how the potential award supplements existing funding sources. Yes No (If additional space is needed, please attach a Word document with your entire answer.)

Yes. The potential award from Triumph supplements funds from Bay District Schools. This is a critical project for Bay District Schools as the funding will allow for bulk purchases and installation of needed student computer stations. As program expansion evolves, the funds will be utilized to cover FTE shortfalls for teacher salaries and the salary for district staff to monitor the project's progress.

5. Please provide a Project/Program Budget. Include all applicable costs and other funding sources available to support the proposal.

This documentation is attached.

C. Provide a detailed budget narrative, including the timing and steps necessary to obtain the funding and any other pertinent budget-related information. (If additional space is needed, please attach a Word document with your entire answer.)

This budget provides a summary of expenses. The project will begin as soon as Triumph funds are approved. The current cost (including benefits) of a highly qualified instructor is approx \$62,000. Through grant funds this will allow Bay District Schools the flexibility to hire an additional five teachers at the start of the grant and up to ten teachers across the life of the grant.

Applicant understands that the Triumph Gulf Coast, Inc. statute requires that the award contract must include provisions requiring a performance report on the contracted activities, must account for the proper use of funds provided under the contract, and must include provisions for recovery of awards in the event the award was based upon fraudulent information or the awardee is not meeting the performance requirements of the award.

Yes

Applicant understands that awardees must regularly report to Triumph Gulf Coast, Inc. the expenditure of funds and the status of the project or program on a schedule determined by Triumph Gulf Coast, Inc.

Yes

Applicant acknowledges that Applicant and any co-Applicants will make books and records and other financial data available to Triumph Gulf Coast, Inc. as necessary to measure and confirm performance metrics and deliverables.

Yes

Applicant acknowledges that Triumph Gulf Coast, Inc. reserves the right to request additional information from Applicant concerning the proposed project or program.

Yes

ADDENDUM FOR INFRASTRUCTURE PROPOSALS:

Not Applicable

ADDENDUM FOR WORKFORCE TRAINING PROPOSALS

1. Program Requirements

A. Will this proposal support programs that prepare students for future occupations and careers at K-20 institutions that have campuses in the disproportionately affected counties? If yes, please identify where the campuses are located and provide details on how the proposed programs will prepare students for future occupations and at which K-20 institutions that programs will be provided.

Yes. This project will link Bay District Schools and local postsecondary institutions such as Florida State University- Panama City, Gulf Coast State College, and Haney Technical College. All of these campuses are located in Bay County. This project is rooted in a collaborative relationship between Bay District and Florida State University and connects students to Dual Enrollment opportunities at Haney Technical College. Our region continues to draw interest in the fields of Aerospace (Premier Aviation, Project Spinner), HealthCare (FSU Tallahassee Memorial), Computer Science, and Engineering/Manufacturing (Project InSpire). These emerging workforce opportunities of today and the future opportunities in Bay County are all supported by this project.

B. Will the proposed program (check all that apply):

- ✓ Increase students' technology skills and knowledge
- ✓ Encourage industry certifications
- ✓ Provide rigorous, alternative pathways for students to meet high school graduation requirements
- ✓ Strengthen career readiness initiatives
- ☐ Fund high-demand programs of emphasis at the bachelor's and master's level designated by the Board of Governor
- ✓ Encourage students with interest or aptitude for science, technology, engineering, mathematics, and medical disciplines to pursue postsecondary education at a state university or a Florida College System institution within the disproportionately affected counties (similar to or the same as talent retention programs created by the Chancellor of the State University System and the Commission on Education)

For each item checked above, describe how the proposed program will achieve these goals.

- **Increase students' technology skills and knowledge:**
This proposal will lead to increases in students' technology skills and knowledge. The proposed programs will follow the Florida Department of Education curriculum frameworks for Secondary - Career Preparatory Programs. The required technology skills

and knowledge needed to meet the standards of each curriculum are rigorous but essential for the future workforce.

- **Encourage industry certifications:**

Each program has one or more associated industry credentials (either secondary or post-secondary or both) that have national or international portability and rigor.

- **Provide rigorous, alternative pathways for students to meet high school graduation requirements:**

This project provides rigorous, alternative pathways for students to meet high school graduation requirements. Students who earn industry certifications will be able to use the applicable certifications to replace a math or science graduation requirement.

- **Strengthen career readiness initiatives:**

This proposal strengthens career readiness initiatives because students who complete some or all courses within each program and pass the associated industry certification exams are fully qualified to seek employment in the career field. Many of the related industry certifications are on the Florida Career and Professional Education (CAPE) funding list. In order to receive this designation, CAPE industry certifications must: support local and regional economic development; respond to Florida's critical workforce needs; and provide state residents with access to high-wage and high-demand careers.

- **Encourage students with interest or aptitude for science, technology, engineering, mathematics, and medical disciplines to pursue postsecondary education at a state university or a Florida College System institution within the disproportionately affected counties (similar to or the same as talent retention programs created by the Chancellor of the State University System and the Commission on Education):**

All programs have articulation agreements with postsecondary institutions in Bay County. The programs included in this project all have a deep focus/connection to Science, Technology, Engineering, and Medical disciplines.

C. Will this proposal provide participants in the disproportionately affected counties with transferable, sustainable workforce skills but not confined to a single employer? If yes, please provide details.

Yes, the desired outcome for all students is program completion and passing scores on industry certifications that have regional, national, and international portability. Program participants will be highly qualified employment anywhere in the world in the healthcare, aerospace and computer science industries.

D. Identify the disproportionately affected counties where the proposed programs will operate or provide participants with workforce skills.

Instruction for the program will occur in Bay County, however, students commute from and seek employment within all of the disproportionately affected counties.

E. Provide a detailed description of, and quantitative evidence demonstrating how the proposed project or program will promote:

- **Economic recovery**

The career pathways included in this project are directly related to the economic recovery of Bay County and the surrounding region. Bay County is continuing long-term recovery efforts from the destruction of Hurricane Michael and economic recovery related to the Covid-19 global pandemic. A skilled workforce earns higher wages, which helps the individual, the employer, and the tax base. In recent months Bay County has seen the opening of the Tallahassee Memorial HealthCare campus, the addition of Premier Aviation to the airport, and the confirmation of “Project Spinner” to the airport. The federal government has committed multiple resources to rebuilding Tyndall Air Force Base, a project with an estimated cost of \$5 billion.

- **Economic Diversification**

The Bay County Economic Development Alliance works to diversify the local economy by bringing outside industries to Bay County to create more high-paying jobs for the residents. A thriving healthcare system is essential to recruiting and staffing employees in these new industries. “Becca Hardin, president of the Bay County Economic Development Alliance, says she believes the local community will experience “a level of growth” during the next three to five years “that we’ve never seen before.” Evidence of the work of the EDA can be seen with the development of Tallahassee Memorial, Premier Aviation, and “Project Spinner.”

- **Enhancement of the disproportionately affected counties**

Salaries over the regional median (such as those in healthcare) and additional skilled jobs benefit the entire tax base for our region. The two current Bay County hospitals, Ascension Sacred Heart Bay and Gulf Coast Regional Medical Center, rank in the top ten for most employees (in Bay County), with a combined total of more than 1900. The phased construction/completion of Tallahassee Memorial HealthCare on Panama City Beach will provide critically needed health care for the beach and surrounding areas and create a more significant and growing need for skilled staff.

- **Enhancement of a Targeted Industry**

Over the last year, Bay County has become an attractive destination for the Aviation/Aerospace industry. The planned arrival of Premier Aviation and “Project Spinner” have impacted the course scheduling and offerings at Haney Technical College. Haney has seen significant increases in student enrollment within the aviation programs and this has caused the administrative team to launch a hybrid schedule with the start of the spring term in January 2025. This project aligns in numerous ways with the programs at Haney Technical College that we anticipate continued enrollment that is higher than average.

2. Additional Information

A. Is this an expansion of an existing training program? If yes, describe how the proposed program will enhance or improve the existing program and how the proposed program will supplement but not supplant existing funding sources.

Yes. This project will expand upon Unmanned Aircraft Systems, HealthCare, Engineering, and Computer Science programs at multiple schools across Bay District. The project will create a stronger link between our local postsecondary institutions while continuing the collaboration of Bay District with Florida State University- Panama City. Funding for the renovation of learning spaces and the purchase of desktop computers, along with funding to purchase student software licenses, will come from this project.

B. Indicate how the training will be delivered (e.g., classroom-based, computer based, other). If in-person, identify the location(s) (e.g., city, campus, etc.) where the training will be available.

Training will be delivered in multiple settings which includes the traditional classroom as well as hands on learning that will take place in maker space-style lab rooms. Industry certifications will be offered at each campus. Training will take place at multiple different school campuses across Bay District Schools.

C. Identify the number of anticipated enrolled students and completers.

It is estimated that 500 students per year will be enrolled in the impacted career pathways throughout Bay District Schools. Each program comprises multiple courses that could be either a semester or a full year in length. Program lengths vary between three to four courses. If all 500 students complete at least one course per year, they could be considered a course completer. Students will be full program completers after completing three or more courses within a program.

D. Indicate the length of the program (e.g, quarters, semesters, weeks, months, etc.) including anticipated beginning and ending dates.

The Bay District Schools' calendar runs from August through May. Most courses in the impacted programs are full year courses. Once the programs are established, summer learning programs may begin at selected campuses across Bay District.

E. Describe the plan to support the sustainability of the proposed program.

After the initial expenditure of funds the programs should become self-sustaining due to Department of Education FTE funding allocations for full-time enrolled students and funds from CAPE industry certifications.

F. Identify any certifications, degrees, etc. that will result from the completion of the program.

See attachment

G. Does this project have a local match amount? If yes, please describe the entity providing the match and the amount. Yes

Bay District Schools will provide matching funds of \$8,000,000.

H. Provide any additional information or attachments to be considered for this proposal.

ADDENDUM FOR AD VALOREM TAX RATE REDUCTION:

Not Applicable

ADDENDUM FOR LOCAL MATCH REQUIREMENTS OF SECTION 288.0655, FLORIDA STATUTES

Not applicable

ADDENDUM FOR LOCAL ACTION PLAN

Not Applicable

ADDENDUM FOR ADVERTISING/PROMOTION

Not Applicable

I, the undersigned, do hereby certify that I have express authority to sign this proposal on my behalf or on behalf of the above-described entity, organization, or governmental entity:

Name of Applicant:

Bay District Schools

Name and Title of Authorized Representative:

MARK McQUEEN, SUPERINTENDENT

Representative Signature:



Signature Date:

2 DEC 24

