

TRIUMPH GULF COAST, INC. PRE-APPLICATION FORM

Triumph Gulf Coast, Inc. (“Triumph Gulf Coast”) has created a pre-application process to provide initial consideration of eligibility for potential ideas of projects or programs that may seek an award of funding. Applicants are required to participate in the pre-application process. Notwithstanding the response from Triumph Gulf Coast on the pre-application form, an Applicant may still elect to submit an application.

APPLICANT INFORMATION

Name of Individual/Entity/Organization: Bay Haven Charter Academy Inc. Proposal

Title: North Bay Haven Career Academy

Amount of Triumph Funds Requested: \$6,000,000

Total Estimated Project Cost: \$12,000,000 - \$14,000,000

Brief Description of Individual/Entity/Organization: Bay Haven Charter Academy Inc. opened in the fall of 2001 as an elementary school serving K-8. Since opening in 2001 the Haven organization has grown from one elementary school with approximately 250 students to five schools serving 3379 students in grade K-12. There are two elementary schools, two middle schools and one high school located on two campuses. Haven currently employs three hundred seventy-four people (two hundred one teachers, fifty-two paraprofessionals, one hundred one non-instructional personnel and twenty Haven staff). Over the last six years Haven schools have experienced and persevered through many challenges that could have impacted our schools negatively. Despite the challenges Haven schools have risen to the challenge and maintained the level of excellence our stakeholders have come to expect. The Haven organization attributes our success to our high expectations and high achievement vision. Haven schools continue to excel because of visionary leadership, high quality teachers, and parent involvement which has been the core foundation of our schools since the beginning. Our schools are currently at full capacity and have robust waitlists. It is difficult to express in words the incredible dedication, commitment, and care both the instructional and non-instructional staff exhibited and continue to exhibit despite challenges both professionally and personally. BHCA Inc. earned system accreditation in 2021 through Cognia, a nonprofit organization that provides quality assurance for schools, school districts, and education service providers. To earn accreditation from Cognia, BHCA Inc. implemented a continuous process of improvement, and submitted to internal and external review. Cognia system Accreditation is a rigorous process that focuses the entire school system and its community on the primary goal of preparing lifelong learners in engaging environments where all students can flourish. The Haven organization is well positioned to implement and sustain this project.

- Overall, Haven schools rank within the top 25% of all schools in the state. North Bay Haven Career Academy ranked in the top 3% of all schools in the state in 2021. The graduation rate was 99 percent.
- Over seventy-five percent of North Bay Haven Career Academy students have earned at least one college credit and six hundred and five industry certifications. NBH students have several paths to graduation including a Capstone diploma.
- All Haven schools have been recognized as high performing schools and “Schools of Excellence” by the state every year since recognition began in 2018. Florida Statutes require the State Board to designate a school as a **School of Excellence** if the school’s percentage of possible points earned in its school grade calculation is in the 80th percentile or higher for schools comprised of the same grade groupings (elementary, middle, high and combination) for at least two of the last three school years.

Contact Information

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Names of co-applicants, partners or other entities, organizations that will have a role in the proposed project or program: Tyndall Air Force Base; Naval Support Activity -Naval Base; St. Andrews Bay Watch; Florida Fish and Wildlife Conservation Commission; Gulf Coast State College; Florida State University, PC; Bay District Schools; and the Bay County Sheriff’s Office

REQUIRED EXECUTIVE SUMMARY

In a maximum of two (2) pages, please describe the proposed project or program and anticipated outcomes including (i) the amount of funds being sought from Triumph Gulf Coast; (ii) the amount and identity of other sources of funds for the proposed project or program; (iii) the location of the project or program; (iv) summary description of the proposed program, including how the program will be transformational and promote economic recovery, diversification, and enhancement of the disproportionately affected counties, and (v) a summary timeline for the proposed project or program.

- (i) **Amount of Funds:** Bay Haven Charter Academy Inc. requests an investment of six million dollars (\$6,000,000,000) from Triumph Gulf Coast Inc.
- (ii) **Other Sources of Funding:** The requested six million will be matched through state FTE funding for schools. Other state, federal, and private grants; private donations; and funding may also be utilized as a match totaling eight million to nine million dollars.
- (iii) **Location:** The project will be located on the North Bay Haven Campus
- (iv) **Summary of the program:** See below.
- (v) **Timeline:** The project timeline will begin immediately upon approval and end twenty-four months from the start date of the approved grant.

North Bay Haven Career Academy

Bay Haven Charter Academy Inc. is requesting a \$6,000,000,000 Triumph Grant for construction of classrooms and to purchase materials and equipment to expand the current marine, environmental science, and CTE programs in technology, engineering, law and public safety, business and health sciences. The proposed project would serve middle and high school students in grades 7-12 and increase opportunities for our students to earn industry certifications and contribute to improving our surrounding community. Six classrooms and ancillary space would be built on the North Bay Haven campus, 1 Buccaneer Dr, Panama City, FL. Currently four classes are housed in temporary buildings. Providing a state-of-the-art facility with cutting edge equipment and materials will benefit both students and the community as a whole. The overall goal of the project is to expand the current program in environmental science, marine science, and career and technical education to provide opportunities for students to develop skills and obtain credentials that will increase their ability to meet the demands of the workforce and to provide services to the community to improve the environment; ultimately, preparing students for entering a career or continuing in post-secondary education after graduation. The courses offered are diverse and develop skills that are transferable to multiple occupations. The following programs will be the focus of the project:

Marine and Environmental Science

The goal of the Marine and Environmental Science Lab is to restore and reestablish the health of the marine ecosystem in bays surrounding Panama City, Florida. develop students who have environmental awareness about their local bay and the role that the bay plays in both the ecosystem and economy of Bay County; and establish partnerships with governing environmental agencies and promote interest in careers in science, especially marine and environmental science. Advanced placement is offered in environmental science. *Marine and Environmental Science Lab Strategy* is to affect immediate and measurable change in our bays by managing a living shoreline project to ensure a resilient and sustainable shoreline ecosystem via a partnership with St. Andrews Bay and Florida Fish and Wildlife. The lab will use an aquaponics system which provides students experiential learning about sustainable ecosystems, agricultural, food systems and health.

Sea Cadets This course prepares students for enlisted service and service learning. Students partner with the other academies to enhance their skills and support special projects. The Sea Cadet program engages with many of the projects conducted by the marine and environmental science program.

Cybersecurity and Computer Science

Cybersecurity is a fast-growing workforce that is outpacing the availability of jobs nationwide and North Bay Haven Career Academy would like to assist in providing students with the information and certifications such as, CompTIA I.T. Fundamentals + industry certifications, that would both allow some students to be able to obtain employment in our area without further education. Those students who would like to obtain higher education would be able to continue in both the cybersecurity and computer sciences field with basic knowledge and various certifications prior to entering higher

education. The certifications obtained during the students' high school period will prepare them for a fulfilling career and provide an opportunity to further their educational experience with the proper certifications. By creating a proper computer lab, students will become familiar with additional items along with having the computer systems needed to obtain the proper hands-on experiences. Currently, we have one computer lab which is used as a classroom for the engineering program, and so it can not be used for other certification tests that are different from the engineering field. This lab will result in a state-of-the-art classroom for our students that will provide a real-world learning experience.

Engineering

Focus Area: Computer Aided Design

This program will develop solid modeling and drafting skills directly applicable to architecture, engineering, manufacturing, and construction industries. Students will use industry standard design software and will take industry standard certification tests. The current class, Introduction to Engineering Design, uses Autodesk Fusion 360. The grant will expand to include other design software packages including Inventor, AutoCAD, and Revit.

Focus Area: Computer Aided Manufacturing

This program will develop machining and manufacturing skills directly applicable to engineering and manufacturing industries. Students will develop computer tooling paths from computer models; program and operate plasma, laser, and waterjet cutting tools; and additive manufacturing processes. Grant will be used to create a manufacturing lab including 5 axis computer controlled milling machines, plasma cutters, laser cutters, and metal additive machines.

Focus Area: Electronics

This program will develop basic electronic knowledge and skills. Identification of electronic components, use of electronic tools including multimeters, function generators, oscilloscopes; troubleshooting systems and circuit boards; soldering and desoldering. These skills will be directly applicable to any industry that uses electronic components. The current class, Digital Electronics, provides an introductory overview, but requires additional training. The grant will be used to purchase equipment and curriculum to expand the knowledge base. Industry standard soldering certification testing will be offered.

Focus Area: Robotics

This program will develop skills directly applicable to any automated processes, input output, feedback control loops, servo motors, controllers, automation, autonomy, electro-mechanical actuators, sensors, motor and motor controllers, and programming. This area will expand to autonomous and remotely operated unmanned aerial vehicles (UAVs) and Unmanned Underwater Vehicles (UUVs). These will be teamed with the environmental science programs for mapping and GIS surveys and Sea Cadets for bottom topography and searches. These will be coordinated with Florida Fish and Wildlife and Florida State University Underwater Crime Scene Investigation program.

The Academy of Law and Public Safety

This program will provide students with the opportunity to have hands-on learning experiences within the sector of public safety. The goal of this program is to encourage students to move into a public safety career path. An area that is always in need of bright young minds and dedicated individuals. This program will equip students with realistic scenarios, training and experience, affording them the opportunity to pass certification tests resulting in students moving directly into a career right out of high school. Labs will include 911 simulators, patrol functions, MILO range simulator, and Forensics.

Allied Health Program

In this program students will gain interest, knowledge and the skills necessary to pursue secondary education and careers in occupational health. The program is geared towards filling the occupational healthcare needs of our local community.

Bay Haven Charter Academy Inc. is committed to providing all students with multiple pathways to graduation that will produce career ready graduates that are contributing members of the community. It is our goal to graduate students who use their skills to contribute to building a community that respects and protects the environment, pursue careers which focus on the health and safety of our citizens, and provide them with the essential skills to easily transition to other jobs. This project will have a significant impact on the community both now and in the future.

Please Select the Proposal's Eligibility Category(s)

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.

Please Select the Priorities this Proposal's Outcomes will Achieve

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.