



AGENDA
CUYAHOGA COUNTY ECONOMIC DEVELOPMENT & PLANNING
COMMITTEE MEETING
MONDAY, APRIL 29, 2024
CUYAHOGA COUNTY ADMINISTRATIVE HEADQUARTERS
C. ELLEN CONNALLY COUNCIL CHAMBERS – 4TH FLOOR
3:00 PM

Committee Members:

Jack Schron, Chair – District 6
Patrick Kelly, Vice Chair – District 1
Sunny M. Simon - District 11
Cheryl L. Stephens - District 10
Michael P. Byrne – District 4

- 1. CALL TO ORDER**
- 2. ROLL CALL**
- 3. PUBLIC COMMENT**
- 4. APPROVAL OF MINUTES FROM THE MARCH 4, 2024 MEETING** [See Page 3]
- 5. MATTERS REFERRED TO COMMITTEE**
 - a) R2024-0140: A Resolution awarding a total sum, not to exceed \$120,000, to the Ohio Aerospace Institute, Great Lakes Biomimicry Lab for the Cuyahoga County Business Sustainability Initiative from the District 2 ARPA Community Grant Fund and the General Fund; and declaring the necessity that this Resolution become immediately effective. [See Page 5]
 - b) R2024-0166: A Resolution amending Resolution No. R2023-0082 dated 4/11/2023, which authorized an Economic Development Loan in an amount not-to-exceed \$2,000,000.00 to Bridgeworks, LLC or its designee, to assist with funding project costs of a place-based, mixed used development project

located at 2429 West Superior Viaduct, in the City of Cleveland which will include 140 apartment units, 132-room hotel, a 120-seat restaurant and bar and a parking garage, by extending the resolution sunset date from twelve months (12) to eighteen (18) months; and declaring the necessity that this Resolution become immediately effective. [See Page 17]

6. MISCELLANEOUS BUSINESS

7. ADJOURNMENT

**Complimentary parking for the public is available in the attached garage at 900 Prospect. A skywalk extends from the garage to provide additional entry to the Council Chambers from the 5th floor parking level of the garage. Please see the Clerk to obtain a complimentary parking pass.*

***Council Chambers is equipped with a hearing assistance system. If needed, please see the Clerk to obtain a receiver.*



**MINUTES
CUYAHOGA COUNTY ECONOMIC DEVELOPMENT & PLANNING
COMMITTEE MEETING
MONDAY, MARCH 4, 2024
CUYAHOGA COUNTY ADMINISTRATIVE HEADQUARTERS
C. ELLEN CONNALLY COUNCIL CHAMBERS – 4TH FLOOR
3:00 PM**

1. CALL TO ORDER

Chairman Schron called the meeting to order at 3:11 p.m.

2. ROLL CALL

Mr. Schron asked Assistant Deputy Clerk Georgakopoulos to call the roll. Committee members Schron, Kelly and Byrne were in attendance and a quorum was determined. Committee members Simon and Stephens were absent. Councilmember Dale Miller was also in attendance.

3. PUBLIC COMMENT

There were no public comments given.

4. APPROVAL OF MINUTES FROM THE JANUARY 16, 2024 MEETING

A motion was made by Mr. Kelly, seconded by Mr. Byrne and approved by unanimous vote to approve the minutes from the January 16, 2024 meeting.

5. MATTERS REFERRED TO COMMITTEE

- a) R2024-0079: A Resolution authorizing a pre-development economic development recoverable grant in an amount not-to-exceed \$450,000.00 to Blue Abyss Operations Inc. for the Blue Abyss Project located on 12 acres on Aerospace Parkway in the City of Brook Park, Ohio for the purpose of constructing the main astronaut and deep water training facility, a hotel,

planetarium, and a long arm centrifuge building totaling approximately 300,000 square feet; authorizing the County Executive and/or the Director of Development to execute all documents consistent with said loan and this Resolution; and declaring the necessity that this Resolution become immediately effective.

Mr. Vaughn Johnson, Deputy Director for the Department of Development; Mr. Marc Drew, Chief Operations Officer for Blue Abyss Operations Inc.; Mr. Paul Marnecheck, Economic Development Commissioner for the City of Brook Park; and Mr. Tom Chema, Chairman and Founder of the Gateway Group Ohio, addressed the Committee regarding Resolution No. R2024-0079. Discussion ensued.

Committee members asked questions of Mr. Johnson, Mr. Drew, Mr. Marnecheck and Mr. Chema pertaining to the item, which they answered accordingly.

On a motion by Mr. Schron with a second by Mr. Kelly, Resolution No. R2024-0079 was considered and approved by unanimous vote to be referred to the full Council agenda with a recommendation for passage under second reading suspension of the rules.

6. MISCELLANEOUS BUSINESS

There was no miscellaneous business.

7. ADJOURNMENT

With no further business to discuss, Chairman Schron adjourned the meeting at 4:31 p.m., without objection.

County Council of Cuyahoga County, Ohio

Resolution No. R2024-0140

Sponsored by: Councilmember Miller	A Resolution awarding a total sum, not to exceed \$120,000, to the Ohio Aerospace Institute, Great Lakes Biomimicry Lab for the Cuyahoga County Business Sustainability Initiative from the District 2 ARPA Community Grant Fund and the General Fund; and declaring the necessity that this Resolution become immediately effective.
Co-sponsored by: Councilmember Turner	

WHEREAS, Cuyahoga County received \$239,898,257 from the Federal Government through the American Rescue Plan Act (“ARPA”); and

WHEREAS, Cuyahoga County calculated 100% of the ARPA dollars as loss revenue under the U.S. Department of the Treasury Final Rule; and

WHEREAS, since all the ARPA dollars have been calculated as loss revenue, the ARPA dollars have been deposited in the County’s General Fund; and

WHEREAS, the County Executive and County Council have authorized \$86 million of the ARPA dollars for community grants to benefit the residents of Cuyahoga County (the “ARPA Community Grant”); and

WHEREAS, of the \$86 million for community grants, \$66 million have been encumbered for equal distribution to each County Council District; and

WHEREAS, on October 11, 2022 Cuyahoga County Council adopted R2022-0258 awarding \$250,300 to the Ohio Aerospace Institute for the purpose of enabling Cuyahoga County Businesses to Compete Globally through Biomimicry-based Innovation from the District 2 ARPA Community Grant Fund; and

WHEREAS, the Cuyahoga County Council desires to provide funding from the General Fund, from the Department of Development’s budget, in the amount of \$20,000 and from the District 2 ARPA Community Grant Fund in the amount of \$100,000 to the Ohio Aerospace Institute for the Cuyahoga County Business Sustainability Initiative; and

WHEREAS, the Ohio Aerospace Institute estimates approximately 670 people and 219 companies will be served annually through this award; and

WHEREAS, the Ohio Aerospace Institute estimates the total cost of the project is \$126,000; and

WHEREAS, the Ohio Aerospace Institute is estimating the start date of the project will be June 2024 and the project will be completed by December 2025; and

WHEREAS, the Ohio Aerospace Institute requested \$120,000 from the District 2 ARPA Community Grant Fund to complete this project; and

WHEREAS, the Ohio Aerospace Institute has requested that Cuyahoga County authorize it to reallocate \$23,000 of the award made pursuant to R2022-0258 from the “Workforce & Talent Development Pilot ‘Applied Biology’” project component to the “Market Needs Assessment/Develop Sustainability, Biomimicry and Climate Change Messages for Aerozone Businesses” project component; and

WHEREAS, the Cuyahoga County Council desires to provide funding in the amount of \$120,000 to the Ohio Aerospace Institute to ensure this project is completed; and

WHEREAS, this Council by a vote of at least eight (8) members determines that it is necessary that this Resolution become immediately effective in order that critical services provided by Cuyahoga County can continue to provide for the usually, daily operations of the County.

NOW, THEREFORE, BE IT RESOLVED BY THE COUNTY COUNCIL OF CUYAHOGA COUNTY, OHIO:

SECTION 1. That the Cuyahoga County Council hereby awards a not-to-exceed amount of \$120,000 to the Ohio Aerospace Institute from the General Fund made available by the American Rescue Plan Act revenue replacement provision for the Cuyahoga County Business Sustainability Initiative. The Ohio Aerospace Institute is additionally authorized to reallocate \$23,000 of the award made pursuant to R2022-0258 from the “Workforce & Talent Development Pilot ‘Applied Biology’” project component to the “Market Needs Assessment/Develop Sustainability, Biomimicry and Climate Change Messages for Aerozone Businesses” project component.

SECTION 2. If any specific appropriation is necessary to effectuate this agreement, the Director of the Office of Budget and Management is authorized to submit the requisite documentation to financial reporting to journalize the appropriation.

SECTION 3. That the County Council staff is authorized to prepare all documents to effectuate said award.

SECTION 4. That the County Executive is authorized to execute all necessary agreements and documents consistent with said award and this Resolution.

SECTION 5. If requested or necessary, the Agency of the Inspector General or Department of Internal Audit is authorized to investigate, audit, or review any part of this award.

SECTION 6. To the extent that any exemptions are necessary under the County Code and contracting procedures, they shall be deemed approved by the adoption of this Resolution.

SECTION 7. It is necessary that this Resolution become immediately effective for the usual daily operation of the County; the preservation of public peace, health or safety in the County; and any additional reasons set forth in the preamble. Provided that this Resolution receives the affirmative vote of at least eight members of Council, it shall take effect and be in force immediately upon the earliest occurrence of any of the following: (1) its approval by the County Executive through signature, (2) the expiration of the time during which it may be disapproved by the County Executive under Section 3.10(6) of the Cuyahoga County Charter, or (3) its passage by at least eight members of Council after disapproval pursuant to Section 3.10(7) of the Cuyahoga County Charter. Otherwise, it shall take effect and be in force from and after the earliest period allowed by law.

SECTION 8. It is found and determined that all formal actions of this Council concerning and relating to the adoption of this Resolution were adopted in an open meeting of the Council, and that all deliberations of this Council and of any of its committees that resulted in such formal action were in meetings open to the public, in compliance with all legal requirements, including Section 121.22 of the Ohio Revised Code.

On a motion by _____, seconded by _____, the foregoing Resolution was duly adopted.

Yeas:

Nays:

County Council President

Date

County Executive

Date

Clerk of Council

Date

First Reading/Referred to Committee: April 23, 2024

Committee(s) Assigned: Economic Development & Planning

Additional Sponsorship Requested on the Floor: April 23, 2024

Journal _____

_____, 20____



**Cuyahoga County
Council**

2079 East 9th Street, 8th Floor • Cleveland Ohio 44115
(216) 698-2010

COUNTY AMERICAN RESCUE PLAN ACT APPLICATION

APPLICANT INFORMATION:	
Name of Requesting Entity (City, Business, Non-Profit, etc.): Ohio Aerospace Institute/Great Lakes Biomimicry	
Address of Requesting Entity: 22800 Cedar Point Road, Brook Park, Ohio 44142	
County Council District # of Requesting Entity: County Council District 2	
Address or Location of Project if Different than Requesting Entity: N/A	
County Council District # of Address or Location of Project if Different than Requesting Entity: 	
Contact Name of Person Filling out This Request: Carol Thaler	
Contact Address if different than Requesting Entity: 	
Email: cthaler@glbiomimicry.org	Phone: 440/667-3341
Federal IRS Tax Exempt No.: 34-1621676	Date: April 15, 2024

PROJECT DESCRIPTION

REQUEST DESCRIPTION (include the project name, a description of the project, why the project is important or needed, and timeline of milestones/tracking of the project):

The Ohio Aerospace Institute and its Great Lakes Biomimicry (OAI/GLB) team request support from Cuyahoga County for the **Cuyahoga County Business Sustainability Initiative: Enabling Cuyahoga County Businesses to Compete Globally and Enhancing the Workforce Pipeline through Sustainable Biomimicry-based Innovation.**

Importance and Need

- **Sustainable Business Practices:** The Initiative emphasizes sustainable business practices using biomimicry, aiding in minimizing environmental impacts and adapting to climate change pressures.
- **Economic Revitalization:** The Initiative is geared towards reinvigorating, redefining, and regenerating Cuyahoga County's economy post-COVID.
- **Educational Focus:** The initiative underlines the importance of educating businesses about sustainability and climate change, using biomimicry as a tool for innovation, and reducing environmental footprints.
- **Workforce Development:** The Initiative addresses the dual challenge of meeting sustainability goals and attracting a skilled workforce, mainly focusing on the upcoming generation interested in working for sustainability-driven companies.

Key Components

- **Sustainable Innovation in Business:** Emphasizes marketing and outreach efforts, workshop offerings, the establishment of sustainable business practices, an OAI Sustainability Community of Practice (CoP) and an SAE Nature Inspired Technology and Application Working Group. This work area also includes a Sustainable Roadway Project involving a collaboration of communities, businesses, and government bodies to implement sustainable initiatives in transportation and infrastructure.
- **Enhancing the Workforce Pipeline:** Focuses on connecting the tech and manufacturing sector to life science students and graduates with an emphasis on applied biology. Continue to work with the Ohio Space Grant Consortium to engage and keep grade 6 -12 students interested in STEM. Further, organizing the 6th global conference on biomimicry, Biocene 2025, fostering innovation, research and collaboration opportunities.

Major Focus Areas: Timeline and Milestones

Community Engagement

- **Marketing and Outreach for Sustainable Business Practices**
Work with a professional marketing consultant to focus the message of the imperative of sustainability strategies for businesses, produce 3 - 4 Lunch & Learn community meetings, science based lecture series to OAI membership and Cuyahoga County businesses. In addition, utilize social media to disseminate two sustainability messages per month, and foster relationships with eight companies in Cuyahoga County. Fostering a relationship means engaging a company in the biomimicry and sustainability messages, leading them to further, deeper engagement.
- **Training & Support**
Develop and deploy four, one-hour Introduction to Sustainability and Biomimicry Workshops to seed the development of a Sustainability Community of Practice. This will take advantage of that OAI's experience with managing consortiums.
- **Influencing Global Marketplace**
With SAE, co-direct establishing a Nature Inspired Technology and Applications Working Group at SAE to create continuous improvement biomimicry methodologies to enable commercial aviation to meet net-zero carbon emission goals, develop Working Group goals.
- **Sustainable Roadway**
Continue to engage Sustainable Roadway Committee, host 2 meetings to advance concepts and seek on-the-ground project funding, lead discussions about what other organization or public agency would be best suited to take this project forward.

Provide institutional knowledge and support to successor organization(s) - to be transferred to the entity by 12/31/24.

Enhancing Workforce Pipeline

- **Early Student STEM Engagement: Introduce biomimicry as a new portal into STEM in underserved communities**
Building on the biomimicry curriculum development for grades 6-12 work being done with the NASA Stepping Stars project, begin the creation of 5 - 7 biomimicry curriculum lessons for informal science educators for grades 2-5 to extend the STEM pipeline.

Develop relationships with the plan of providing curriculum to some of the identified organizations: Boys & Girls Clubs of Cleveland, Boy Scouts, Cleveland Metroparks, Cleveland Museum of Natural History, Cuyahoga Valley National Park, Girl Scouts, Great Lakes Science Center, Holden Arboretum, Lake Erie Nature and Science Center, Trust for Public Land and the Western Reserve Land Conservancy.
- **Applied Biology Experiences: Introduce biomimicry innovation as a new pipeline to potential workforce for business**

Recruit 3 - 5 companies and their challenges for class projects at Baldwin Wallace's "Biomimicry: Innovation Inspired by Nature" fall semester class. In addition, establish a new project engaging multiple departments at BW, students in those departments, businesses, and mentors to investigate commercialization of NASA technology.
- **Attracting Professionals and Students to Cuyahoga County: Biocene 2025**
Begin planning for Biocene 2025. Tasks include, establishing a planning committee, selecting a theme, lining up speakers, marketing, creating a webpage, and recruiting corporate sponsorships. By the end of 2024, 75% of the event will be planned.

Conclusion

The Cuyahoga County Business Sustainability Initiative is a comprehensive effort to integrate sustainable practices in business and education. By leveraging biomimicry, it aims to transform local businesses into environmentally responsible entities and to prepare the future workforce to thrive in a sustainability-focused economy.

Project Start Date:

June 1, 2024

Project End Date:

December 31, 2024

IMPACT OF PROJECT:

Who will be served: The Cuyahoga County Business Sustainability Initiative will serve a diverse range of individuals and organizations, with a particular focus on the following groups:

- **Leaders and Innovators in Companies and Other Organizations in Cuyahoga County:** This includes businesses involved in manufacturing looking to strengthen their supply chain positions. The Initiative aims to impact these organizations by promoting sustainability and climate-focused planning, helping them improve or start their climate change mitigation strategies with biomimicry as a tool.
- **Low/Moderate-Income Individuals:** Through various business assistance programs like the Federal and State Technology Partnership (FAST) and the Cuyahoga County Small Business Assistance Grant, the Initiative indirectly impacts low/moderate-income individuals by creating workforce and business growth opportunities.
- **Minority Business Community:** The Initiative intends to build on connections to minority business communities, including organizations like the Black Environmental Leaders Association and Organic Connects, to address their specific business needs.
- **Students at Local Universities:** The proposal plans to engage students and faculty at institutions like Baldwin Wallace and Cleveland State University. Biomimicry will be used as a tool to attract females and underrepresented students to STEM education and careers.
- **Local Aerospace Supply Chains and Global Aerospace Companies:** The Initiative supports these entities by promoting environmentally responsible business practices, which is increasingly required in the global market.

The Initiative is designed to serve a wide array of groups in Cuyahoga County, ranging from business leaders and companies to students and underrepresented communities, all with the aim of fostering sustainable practices and education in biomimicry and STEM fields.

How many people will be served annually:

670 people served annually, and 219 companies served annually.

Description	Companies	People	Students	Target for Under-represented
Sustainable Innovation In Business: Building business audience for sustainability messages and biomimicry innovation, establish Biomimicry Working Group at SAE	140	350	N/A	35%
Biomimicry Workshops	15	50	N/A	35%
Enhancing the Workforce Pipeline: Grades 2-5 student STEM engagement, higher education connections to business	10	70	60	65%
Sustainable Roadway Demonstration Project(s)	7	50	5	35%
2025 Biocene Conference	50	150	60	25%

Will low/moderate income people be served; if so how:

Yes, as mentioned above, low/moderate income people will be served by this Initiative through programs the Federal and State Technology Partnership (FAST) and the Cuyahoga County Small Business Assistance Grant programs, among others. Additionally, this work aims to make small, underrepresented businesses in Greater Cleveland aware of the benefits of sustainability and enable them to be prepared to tackle any challenge, resulting in potential employment for low/moderate-income people at these businesses in the region.

How does the project fit with the community and with other ongoing projects:

This project aligns with numerous external initiatives within the community, as well as internal ongoing projects—ensuring a cohesive and efficient project, as well as responsible and sustainable use of funding.

Internally, this project will invigorate OAI's ongoing work to support local aerospace supply chains and increase its capacity to serve global aerospace and aviation companies that require environmentally responsible business practices. Additionally, this support will allow Great Lakes Biomimicry to deepen its over 10-year-old mission to create conditions for innovation through biomimicry. Thanks to GLB efforts, Northeast Ohio has become a recognized hub for biomimicry research / bioinspired design, with the world's largest concentration of biomimicry-trained talent.

These efforts will also support OAI's Biocene conference, a multi-day, global conference where ideas and research on innovation inspired by nature – biomimicry – are shared, connections are made, and opportunities for collaboration are fostered. This conference, and overall project, provide opportunities to highlight biomimicry and other research being conducted at the NASA Glenn Research Center to garner interest by the private sector to obtain rights to the technology that has been developed. It will allow the region's businesses easy access to the latest in biomimicry research and applications.

Within the community, this project aligns with the following:

- **Cuyahoga County's Office of Sustainability:** This project will help support Cuyahoga County's Office of Sustainability's "Cuyahoga County Climate Change Action Plan" to reduce greenhouse gas emissions and adapt broad climate change mitigation strategies across the county. This presents an unprecedented opportunity for the County to support businesses in the region and put the county's climate action plan goals into practice.
- **Cuyahoga County's Department of Development:** Further, this work supports Cuyahoga County's Department of Development initiatives to attract businesses and invest in a skilled, diverse workforce so the region's businesses and residents can grow and prosper. The outcome of this grant is to reach over 215 companies and engage another 7 in direct involvement with the sustainable roadway test bed and applied biology co-op projects. By adopting biomimicry innovation, companies can reduce energy and material costs and open their business to new products and services. Additionally, this work aims to make small, underrepresented businesses in Greater Cleveland aware of the benefits of sustainability and enable them to be prepared to tackle any challenge, resulting in potential employment for low/moderate-income people at these businesses in the region. Finally, by enhancing the workforce pipeline, this project aims to help students and existing workers broaden their skills to open up career and wage pathways with a focus on applied biology and STEM education.
- **Greater Cleveland Partnership:** Additionally, this project aligns with numerous initiatives of the Greater Cleveland Partnership, including business expansion, innovation, sustainability, and small business growth.
- **Team NEO:** This work is driven by a Team NEO report, "Aligning Opportunities in the Northeast Ohio Region," which states that the region is producing more life sciences graduates than can be hired by local companies and not enough graduates in manufacturing. Therefore, OAI/GLB will implement this talent development effort that connects Life Sciences students with the concepts of nature's engineering and supports learning within new and existing companies to "commercialize" the life sciences to help fill the manufacturing gap.
- **NOACA Climate Action Planning:** This work aligns with NOACA's efforts toward the development, implementation and maintenance of a framework and plan for climate action (climate pollution reduction) to reduce emissions pollution that cause climate impacts and harm human health, mitigate the effects of extreme weather, adapt to changes that may occur, particularly relative to infrastructure, and build resilience.
- **City of Cleveland:** This project supports the work of Cleveland's Office of Sustainability and Climate Justice (OSCJ) that leverages the City of Cleveland's wealth of assets by collaborating with the community to improve its economic, environmental, and social well-being of citizens.

If applicable, how many jobs will be created or retained (specify the number for each) and will the jobs be permanent or temporary:

The core focus of this project is to bring biomimicry-informed business practices to companies in Cuyahoga County. This climate-focused and sustainability-driven approach will help make the companies participating in this project more attractive to other larger companies seeking an environmentally aligned supply chain.

Additional investment from large aerospace companies into our local suppliers will bring the demand for job creation and growth. Further, a market intelligence report from BIS Research has shown that the global biomimetic technology market is expected to reach \$18.5 billion by 2028. Given this staggering growth, OAI/GLB seeks to enhance our position as a leader in this field to capture a portion of this growth and bring it to Cuyahoga County.

If applicable, what environmental issues or benefits will there be:

The core premise of the Initiative is asserting and educating the Cuyahoga County business community to embrace sustainability practices utilizing biomimicry and values to enhance the competitiveness and environment of Cuyahoga County and the Northeast Ohio region.

Biomimicry-based innovation's entire purpose surrounds environmental issues and its added benefits. At its core, this program will look to nature to inform new processes and materials for ways to help local manufacturers reduce waste and greenhouse gas emissions.

Directly, support for this Initiative will support companies in the region to develop or improve their environmental policies, climate action plans, and/or sustainability plans to position them well to be suppliers to European and national aerospace companies. These efforts will help meet the spirit and goals of the Cuyahoga County Climate Change Action Plan.

If applicable, how does this project serve as a catalyst for future initiatives:

Innovation is the core work of the Ohio Aerospace Institute and Great Lakes Biomimicry. This project provides local companies, and other manufacturers, the support needed to become climate-focused and better positioned to be attractive in order to serve global aerospace and other sectors that require environmentally responsible business practices.

Additionally, this project builds on two decades of interest by Cuyahoga County in sustainability, twelve years of experience by Great Lakes Biomimicry to bring innovation inspired by nature to the marketplace, and 35 years of experience by the Ohio Aerospace Institute to manage large, complex projects. The initiative will support the ongoing work at NASA Glenn, and existing companies, allowing Cuyahoga County to be an attractive environment to secure future private investments and attract new businesses.

FINANCIAL INFORMATION:

Total Budget of Project:

\$126,000

Other Funding Sources of Project (list each source and dollar amount separately):

\$ 20,000: Cuyahoga County Department of Development, Operating Support 2024

\$ 6,000: OAI support

Total amount requested of County Council American Resource Act Dollars:

\$100,000

Since these are one-time dollars, how will the Project be sustained moving forward:

To sustain OAI/GLB's biomimicry-related activities following the proposed funding from Cuyahoga County, federal and philanthropic funding sources will be sought. Even though the pressures on business to adopt sustainable business practices, and to require their supply chain to do the same, has seemed to soften for now, we will continue to pursue consulting service contracts.

Workforce Development - Biomimicry Student Pipeline

This effort creates content and connects grades 2 - 5 to the NASA funded and on-going Stepping Stars program in grades 6 - 12. The Ohio Space Grant Consortium will support personnel in the curriculum creation needed to do this.

Specific opportunities that we plan to pursue are biomimicry-focused 2 - 12 talent development initiatives funded by federal agencies such as the National Science Foundation (NSF), NASA, and other agencies focused on building the pipeline of underrepresented talent (such as ethnic minorities - Black and Latino/a and women) in STEM fields and careers.

Potential targets include the NSF INCLUDES (or Inclusion across the Nation of Communities of Learners of Underrepresented Discoverers in Engineering and Science) which focuses on funding STEM inclusion efforts to broaden the participation of underrepresented students in science and engineering fields and collaborating with the NASA-funded Ohio Space Grant Consortium (OSGC) managed by OAI to continue to expand our current Space Grant Kids program, Stepping Stars, to provide STEM-related experiential learning opportunities to increase the nation's pipeline of underrepresented students pursuing STEM. Stepping Stars has a current target of middle school (gr. 6-8) and females, but this program could be expanded in the future to include elementary (Gr. 2-5) and minority students.

At the other end of the pipeline, college students and companies will work on real world challenges using biomimicry as an innovation tool. Through the classroom setting, companies are introduced to the cross disciplinary talent needed for these innovations and students get valuable experience.

DISCLAIMER INFORMATION AND SIGNATURE:

Disclaimer:

I HEREBY CERTIFY that I have the authority to apply for financial assistance on behalf of the entity described herein, and that the information contained herein and attached hereto is true, complete, and correct to the best of my knowledge.

I acknowledge and agree that all County contracts and programs are subject to Federal Guidelines and Regulations, the Ohio Revised Code, the Cuyahoga County Charter, and all County Ordinances including all information submitted as part of this application is a public record.

I understand that any willful misrepresentation on this application or on any of the attachments thereto could result in a fine and/or imprisonment under relevant local, state, and/or federal laws or guidelines.

I agree that at any time, any local, state, or federal governmental agency, or a private entity on behalf of any of these governmental agencies, can audit these dollars and projects.

Printed Name:

Christopher Hocevar, Chief Financial Officer, Parallax Advanced Research and the Ohio Aerospace Institute

Signature:



Date:

4/15/2024

Additional Documents

Are there additional documents or files as part of this application? Please list each document name:

- Budget Narrative
- Team Biographies

County Council of Cuyahoga County, Ohio

Resolution No. R2024-0166

Sponsored by: County Executive Ronayne/Department of Development	A Resolution amending Resolution No. R2023-0082 dated 4/11/2023 which authorized an Economic Development Loan in an amount not-to-exceed \$2,000,000.00 to Bridgeworks, LLC or its designee, to assist with funding project costs of a place-based, mixed used development project located at 2429 West Superior Viaduct, in the City of Cleveland which will include 140 apartment units, 132-room hotel, a 120-seat restaurant and bar and a parking garage, by extending the resolution sunset date from twelve months (12) to eighteen (18) months; and declaring the necessity that this Resolution become immediately effective.
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WHEREAS, the County Executive/Department of Development has recommended to amend Resolution No. R2023-0082 dated 4/11/2023, which authorized an Economic Development Loan in an amount not-to-exceed \$2,000,000.00 to Bridgeworks, LLC or its designee, to assist with funding project costs of a place-based, mixed used development project located at 2429 West Superior Viaduct, in the City of Cleveland which will include 140 apartment units, 132-room hotel, a 120-seat restaurant and bar and a parking garage, by extending the resolution sunset date from twelve months (12) to eighteen (18) months; and

WHEREAS, the primary goal of this loan is to assists in funding project costs of a mixed-used development in the City of Cleveland; and

WHEREAS, this project is anticipated to create 58 new jobs, 140 new apartment units, a 132-room hotel, a 120-seat restaurant and bar and a parking garage; and

WHEREAS, the total cost of the project is approximately \$103,757,668.00 of which the County will loan \$2,000,000.00 with a term of 25 years at an interest rate of 4.50% interest only for the first three years, followed by 15-year term with monthly principal and interest payments based on a 25-year amortization schedule; and

WHEREAS, the funding for this project is 100% General Fund; and

WHEREAS, it is necessary that this Resolution become immediately effective in order that critical services provided by Cuyahoga County can continue.

NOW, THEREFORE, BE IT RESOLVED BY THE COUNTY COUNCIL OF CUYAHOGA COUNTY, OHIO:

SECTION 1. That the Cuyahoga County Council hereby amends Section 3 of Resolution No. R2023-0082 dated 4/11/2023, by extending the resolution sunset date from twelve months (12) to eighteen (18) months.

SECTION 2. It is necessary that this Resolution become immediately effective for the usual daily operation of the County and the reasons set forth in the preamble. Provided that this Resolution receives the affirmative vote of at least eight members of Council, it shall take effect and be in force immediately upon the earliest occurrence of any of the following: (1) its approval by the County Executive through signature, (2) the expiration of the time during which it may be disapproved by the County Executive under Section 3.10(6) of the Cuyahoga County Charter, or (3) its passage by at least eight members of Council after disapproval pursuant to Section 3.10(7) of the Cuyahoga County Charter. Otherwise, it shall take effect and be in force from and after the earliest period allowed by law.

SECTION 3. It is found and determined that all formal actions of this Council relating to the adoption of this Resolution were adopted in an open meeting of the Council, and that all deliberations of this Council and of any of its committees that resulted in such formal action were in meetings open to the public, in compliance with all legal requirements, including Section 121.22 of the Ohio Revised Code.

On a motion by _____, seconded by _____, the foregoing Resolution was duly adopted.

Yeas:

Nays:

County Council President

Date

County Executive

Date

Clerk of Council

Date

First Reading/Referred to Committee: April 23, 2023
Committee(s) Assigned: Economic Development & Planning

Journal _____
_____, 20__

ECONOMIC DEVELOPMENT LOAN TRANSACTIONS

Title	2024 – Department of Development; Bridgeworks LLC - amendment; Economic Development Loan; Portfol Loan No. 372-01-01
Department or Agency Name	Department of Development
Requested Action	<input checked="" type="checkbox"/> Contract <input type="checkbox"/> Agreement <input type="checkbox"/> Other (please specify):

Original (O)/ Amendment (A-#)	Contract No. (If PO, list PO#)	Vendor Name	Time Period	Amount	Date BOC Approved/ Council's Journal Date	Approval No.
A	Pending	Bridgeworks LLC	18 Years	\$2,000,000	4/11/24	R2023-0082

Loan Description and Terms.

The Department of Development is seeking to amend the previously approved Economic Development for Bridgeworks, LLC. The Department is requesting a 6-month extension to the sunset date of Resolution R2023-0082 which was approved by County Council on April 11, 2023. The project had an increase in construction costs which required a re-design and construction did not begin as anticipated.

Loan Amount: not to exceed \$2,000,000

Loan Terms: 3 years interest-only followed by a 15 year term with monthly principal and interest based on a 25 year amortization schedule and an interest rate of 4.5%.

Loan Security: A third position real estate lien. Personal Guarantees from T. Michael Panzica, Graham Veysey, and Marika Shioiri-Clark. A Corporate Guaranty from Appleseed Investment Partners, LLC

Project Purpose/Goals, Outcomes(List 3):

Construction of mixed-use development including multi-family housing, hotel, restaurant, retail, and parking. Reactivating a vacant parcel to create new jobs and bring vibrancy to a prominent location.

Loan proceeds may be used for construction, soft costs related, and project related expenses to the project at 2429 West Superior Viaduct.

Number of Jobs created: 58

If a County Council item, are you requesting passage of the item without 3 readings. Yes No

In the boxes below, list Borrower/Vendor, Name, Street Address, City, State and Zip Code. Beside each vendor/contractor, etc. provide owner, executive director, other (specify)

Vendor Name and address:	Owner, executive director, other (specify):
Bridgeworks, LLC 1455 West 29 th Street, Cleveland, OH	Michael Panzica, Co-Manager

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Vendor Council District: 7	Project Council District: 7
If applicable provide the full address or list the municipality(ies) impacted by the project.	2429 West Superior Viaduct, Cleveland, Ohio

NON-COMPETITIVE PROCUREMENT - X
Provide a short summary for not using competitive bid process.
Economic Development Loan
<input type="checkbox"/> Exemption
<input type="checkbox"/> Alternative Procurement Process
<input type="checkbox"/> Contract Amendment (<i>list original procurement</i>)
<input checked="" type="checkbox"/> Other Procurement Method, please describe: Loan

FUNDING SOURCE: i.e. General Fund, Health and Human Services Levy Funds, Community Development Block Grant (No acronyms i.e. HHS Levy, CDBG, etc.). Include % if more than one source.
Economic Development Fund
Is funding for this included in the approved budget? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (if "no" please explain):
Payment Schedule: <input checked="" type="checkbox"/> Invoiced <input type="checkbox"/> Monthly <input type="checkbox"/> Quarterly <input type="checkbox"/> One-time <input checked="" type="checkbox"/> Other (please explain): Reimbursement for costs

Commented [CK1]: Suggestion by MBV - I can't recall exactly how she said it. See text in green. (or we can refer them to instructions) and provide more detail in the instruction.

Provide status of project.
Is contract late <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes, In the fields below provide reason for late and timeline of late submission
Reason:
Timeline:
Project/Procurement Start Date (date your team started working on this item):
Date documents were requested from vendor:
Date of insurance approval from risk manager:
Date Department of Law approved Contract:
Date item was entered and released in Infor:
Detail any issues that arose during processing in Infor, such as the item being disapproved and requiring correction:
If late, have services begun? <input type="checkbox"/> No <input type="checkbox"/> Yes (if yes, please explain)
Have payments be made? <input type="checkbox"/> No <input type="checkbox"/> Yes (if yes, please explain)

HISTORY (see instructions):
The loan was originally approved on April 11, 2023, Resolution R2023-0082. Increases in construction costs and project re-design have delayed the commencement of the project.

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