

Name of Entity
Miami Dade College

Record Type
Workforce

Proposal Status
In Review

Contact
Malou Harrison (/...

Details SBD Processing Related

Entity Information

Owner
Philip Dickey (/lightning/r/Name/0058y0000021CRbAAM/view)

Proposal Name
WF-05642

Name of Entity
Miami Dade College

Contact
Malou Harrison (/lightning/r/Contact/0038y000009ih8IAAC/view)

Secondary Contact Name
Phil Dickey

Second Contact Title
Director of Resource Development

Second Contact Phone
(305) 237-7167 (tel:3052377167)

Azure Folder Name
WF-05642a9G8y00000031S

County
Miami Dade (/lightning/r/County_c/a02f4000001X3KSEAK/view)

RAO
No

Program Requirements

Training Title and Description
Construction Trade Institute. Please see attached document for full answer.

Support Description
Please see attached document for full answer.

Transferable Skills Description
Please see attached document for full answer.

Support Public Program(s)
Please see attached document for full answer.

Description of Criteria Match
Please see attached document for full answer.

Demand Occupation Lists
Yes

Demand Occupation Lists Description
Please see attached document for full answer.

Program Specifics

Existing Program Expansion
Yes

Existing Program Expansion Description
Please see attached document for full answer.

Training Delivery Description
Please see attached document for full answer.

Program Sustainability Description
Please see attached document for full answer.

Project Ready to Commence

Project Not Ready To Commence Details

Program Budget

Requested Total
\$1,872,532.00

Source - City / County
\$0.00

Source - Private
\$33,000.00

Source - Other
\$1,821,600.00

Source - Other Details
U.S. Department of Commerce, Economic Development Administration (EDA)

Source - Total
\$1,854,600

Detailed Budget Narrative
Please see attachment for full answer. The numbers entered in the portal are not being saved properly, it is duplicating the "Other" field in Project Funding Sources to Project Costs. The attached narrative and budget document has the correct numbers/totals. The Project Costs total is supposed to be \$138,706.

Approvals and Authority

Authorized signatory on Board's behalf

Approvals Needed
Please see attachment for full answer.

Meeting Schedule
Please see attachment for full answer.

Meeting Notice Days
Please see attachment for full answer.

Authority Proof

Award Year Information

FY22

FY23

FY24

Created By
Philip Dickey (/lightning/r/User/0058y0000021CRbAAM/view) - 5/30/2023 9:04 AM

Record Type
Workforce

Proposal Status
In Review

Stage
Proposed

Not exclude unemployed or underemployed
Yes

Economic Opportunity Description
Please see attached document for full answer.

FL Targeted Industries
Yes

FL Targeted Industries Description
Please see attached document for full answer.

Local Match Amount
Yes

Local Match Amount Details
Please see attached document for full answer.

Length of Program
Three years, from January 1, 2024 to December 31, 2026

Number Enrolled
147

Number Completers
116

Certifications, degrees with CP codes
Please see attached document for full answer.

Program Begin Date
1/1/2024

Program End Date
12/31/2026

Additional Information

Cost - Equipment
\$380,000.00

Cost - Personnel
\$226,606.00

Cost - Facilities
\$2,221,600.00

Cost - Training Materials
\$20,000.00

Cost - Tuition
\$740,220.00

Cost - Other
\$138,706.00

Cost - Other Details
Indirect costs (See Budget Narrative for Description)

Cost - Total
\$3,727,132

Attestation Name of Entity
Miami Dade College

Attestation Name and Title of Auth Rep
Dr. Malou C. Harrison

Attestation Representative Signature
Dr. Malou C. Harrison

Attestation Signature Date
7/6/2023

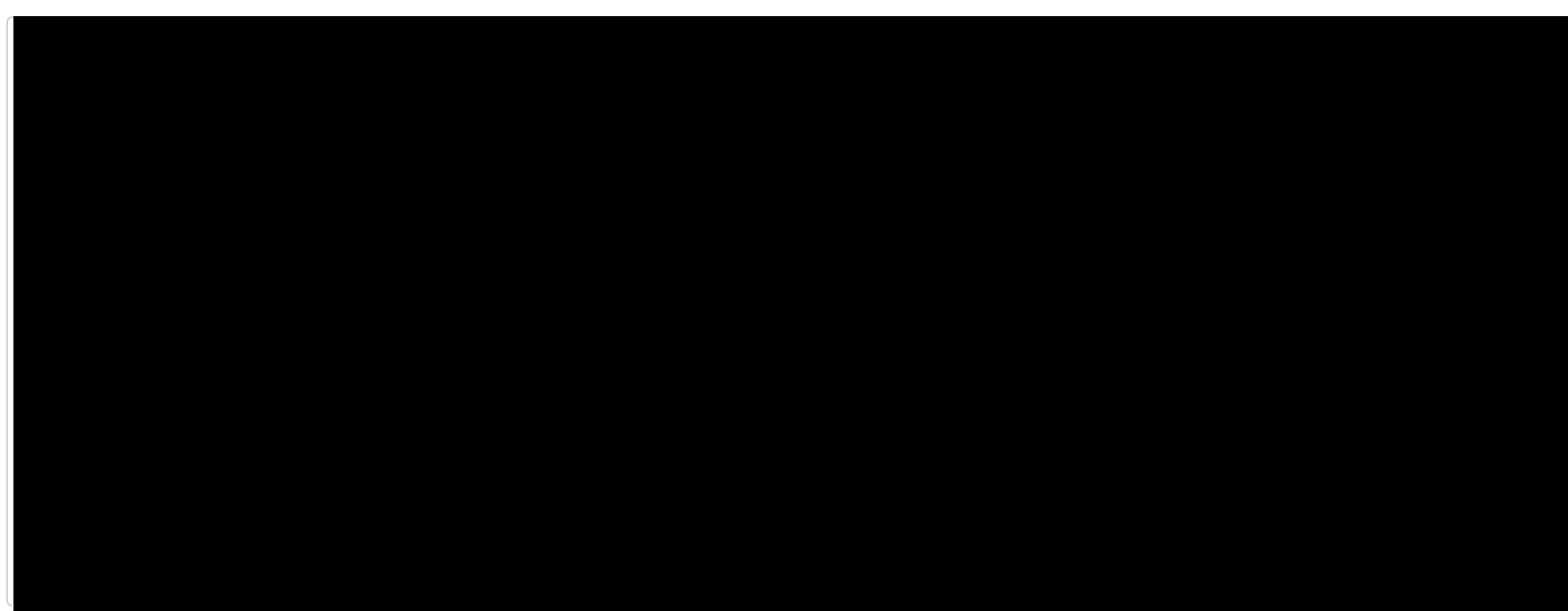
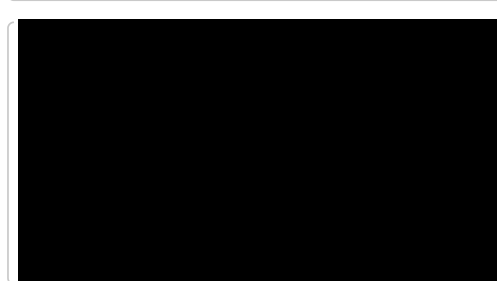
FY25

FY26

Upload Files

Previously Uploaded

undefined20220118 Letters of Support.pdf



**Miami Dade College
FLDEO Florida Job Growth Grant Fund
Workforce Training Proposal**

Program Requirements

A. Provide the title and a detailed description of the proposed workforce training.

Miami Dade College's Construction Trade Institute (CTI) proposes to offer workforce training within the targeted industry of construction and trades. CTI is a center specifically designed to focus on the preparation of a skilled workforce for an ever-growing construction ecosystem.

The Construction Trade Institute aims to position participants to fill the pipeline of high paying construction jobs that exist in Florida and that are coming to this region. The newly renovated modular space will facilitate hands-on training of multiple trades training programs, including but not limited to HVAC, welding, electrical, and building maintenance as well as project supervision, data analytics, and general contractor licensing preparation. This innovative modular space design will allow for enhanced functionality and adaptability of the space to meet the current and future training needs of the local and regional workforce. This space will be highly responsive to meet future job growth needs, participant schedules, and evolving training methods.

Beneficiaries and strategic partners will provide insight into program rollout and evaluation. CTI currently engages three community partners to assist in recruiting students for training and one partner connecting them to apprenticeship opportunities. Seven beneficiaries/employers were engaged during the development of CTI with the potential to fill several vacant positions (see Table 1).

B. Describe how this proposal supports programs at state colleges or state technical centers.

The Construction Trade Institute (CTI) at Miami Dade College's North Campus is a 3,100 sq. ft. space that will serve as a workforce training facility offering hands-on learning and certifications in high-demand construction trades. The space will facilitate training for 60 students per year. Included in the space is 1,800 sq. ft. of indoor space for electrical, HVAC instruction. Additionally, 1,300 sq. ft. of exterior space will be renovated to facilitate welding, and photovoltaic instruction.

Education and training at CTI also address 11 high-need occupations shown on the Regional Demand Occupations List via certificates, and can articulate into associate and baccalaureate degrees through MDC's stackable credentials. Through CTI, Miami Dade College will increase access to these pathways and provide equivalent quality of education in order to better serve the community. As the Institute nears completion, CTI faculty and staff deliver instruction throughout the North Campus.

MDC is the only state college in Miami-Dade County – Florida's largest county with more than 2.7 million residents. For over 60 years, MDC has been providing programming targeting academic and vocational needs of area residents. The College

has grown from one campus serving just over 1,400 students, to one of the largest institutions of higher education in the United States, with eight campuses and numerous outreach centers reaching over 90,000 students annually.

With CTI, MDC will continue to ensure that those who walk-through its doors have the requisite skills and competencies to meet employer needs. This proposal supports the mission of the college to change lives through accessible, high-quality teaching and learning experiences. The proposal targets high-demand occupations further reflecting MDC’s responsibility to serve as an economic, cultural and civic leader for the advancement of a diverse global community.

C. Describe how this proposal provides participants transferable, sustainable workforce skills applicable to more than a single employer.

The Construction Trade Institute (CTI) will provide transferrable, sustainable workforce skills that meet the needs of more than one single employer by:

- Engaging workforce partners, industry associations, and economic development entities, as well as local workforce agencies in the development of programming.
- Maintaining already active industry advisory councils to provide feedback on curriculum, expert insight on industry needs and trends, and linkages to employers and employer resources.
- Drawing upon MDC’s active, high-level representation on the Beacon Council, a public-private partnership and the official economic development organization for Miami-Dade County, and the regional workforce investment board (CareerSource South Florida) to gain ongoing insight into new employers locating to the county, potential employers exploring establishing or relocating business to the area, and workforce gaps and needs.

Currently, MDC has partnerships with multiple industry/employer partners representing the construction and trades sectors (Table 1).

Table 1. Initial CTI Industry/Employer Partners & Beneficiaries Committed
BDI Construction
KAR & Larrabee Mechanical Contractors
Lennar Foundation
Miller Electric & Hobart Brothers of ITW Welding North America
Stobs Bros. Construction Co.
Trane Technologies
VIA Design Studio

Among their contributions to the project, CTI partners will:

- Assist in curriculum development and/or curriculum review to ensure alignment with industry needs and necessary competencies.
- Contribute resources, such as lectures on selected topics by subject matter experts to support the program, courseware resources, and supplemental skills assessments.
- Provide internship and job opportunities.
- Will interview qualified completers for appropriate positions, as available.

D. Describe how this proposal supports a program(s) that is offered to the public?

As a state-sponsored, open-access, public institution of higher education, all MDC programming is offered to the public. In addition to enrolling direct from high school students, CTI will target and enroll individuals who are: (1) low-income, (2) unemployed, (3) underemployed, (4) incumbent workers, (5) military veterans and their spouses, (6) displaced workers, (7) disadvantaged and underrepresented populations with barriers to employment and (8) those who program staff determine have a significant need for workforce training.

It is the College's legislatively established responsibility to develop and provide educational and training programs that specifically serve the residents of Miami-Dade County, Florida. CTI will provide industry-aligned, career-focused education/training opportunities that will be accessible to the public. The College's tuition has consistently been cited as one of the lowest in the country facilitating enrollment of segments of the population that otherwise might not have access to higher education.

MDC has numerous wraparound services from community providers. The College has formed a network of resources, including assistance in applying for public benefits, options to meet food insecurity and housing needs, and other non-academic support services to help students overcome obstacles that otherwise might adversely impact enrollment, retention, and completion. These non-academic services are in addition to a wide range of academic support services, including advising, coaching, and tutoring.

E. Describe how this proposal is based on criteria established by the state colleges and state technical centers.

As with all academic programs introduced and implemented by Miami Dade College, programming included in CTI is aligned with the responsibilities of MDC, as a legislatively established state college and as outlined in Florida Statute 1004.65.

CTI relates to Florida Statute 1004.65 by:

- 1) Responding to community needs for postsecondary education and career degree education; and
- 2) Providing high-quality, affordable education and training opportunities, fostering a climate of excellence, and providing opportunities to all while combining high standards with an open-door admission policy for lower-division programs; and
- 3) Serving all who can benefit, without regard to age, race, gender, creed, or ethnic or economic background, while emphasizing the achievement of social and educational equity so that all can be prepared for full participation in society; and
- 4) Preparing students directly for careers requiring less than baccalaureate degrees, including preparing for job entry, supplementing of skills and knowledge, and responding to needs in new areas of technology.

F. Does this proposal support a program(s) that will not exclude unemployed or underemployed individuals?

Yes

Miami-Dade County is proud of its large diverse population and is promoted as the “gateway to the world”. The Beacon Council reports the business-friendly culture of the region, with no personal income tax and low corporate income tax, ranked #2 as best state for business, geographic location that supports global trade, and multi-billion-dollar investments in infrastructure. In addition to the billions of dollars that local governments are allocating to public infrastructure projects that boost the State’s resilience to coastal flooding, this region is a hot spot for new domestic and international investment in commercial real estate.

Unfortunately, Miami-Dade County’s residents continue to face barriers to gainful employment, exacerbated by the Coronavirus pandemic. The target communities served by Miami Dade’s North Campus are among the hardest hit by the pandemic. According to the 2022 United States Census Bureau, Miami Gardens (16%) and North Miami (19.4%) have a much higher rate of persons in poverty than the country as a whole (11.6%). There is also a higher rate (more than double) of persons having no health insurance in those areas (26.1% for North Miami and 23% for Miami Gardens) than in the country as a whole (9.8%).

In addition, there have been over 3,700 Worker Adjustment and Retraining Notification Notices in the target area since 2020. Most were in accommodations and food services and transportation/warehousing. These communities will benefit from workforce development services that lead to well-paying jobs, unionized jobs, and positions that offer upward mobility.

G. Describe how this proposal will promote economic opportunity by enhancing workforce training. Please include the number of program completers anticipated to be created from the proposed training. Further, please include the economic impact on the community, region, or state and the associated metrics used to measure the success of the proposed training.

The College’s goal for the Construction Trade Institute (CTI) is to cultivate a local workforce that will create a more diversified and economically resilient climate in Miami-Dade County, as well as to build skilled talent that is attractive to regional job creation. CTI aims to position participants to fill the pipeline of high paying construction jobs that exist in Florida and that are coming to this region.

Number of jobs anticipated to be created – It is estimated that 116 participants (79%) of CTI’s high-needs training will be workforce ready through the enhanced training programs offered by the project over the three-year period. These participants will fill at least 110 of the 3,400 openings available for these jobs over the project period (see Table 2). Using a multiplier effect based on 2.66 (indirect jobs) being created through the filling of 110 jobs, CTI is expected to result in the creation/filling of 403 jobs (110 direct and 293 indirect).

Promoting economic opportunity – Overall, MDC generates significant returns on investment for participants, taxpayers, and society:

- For every \$1 that is invested in the education of participants, they gain \$2.70 in lifetime earnings.
- For every \$1 that taxpayers invest in MDC, they gain \$3.30 in added state revenue and social savings.
- For every \$1 that society spends on MDC, it gains \$12.10 in added taxes and public-sector savings related to reduced crime, lower unemployment, and increased health and well-being.
- MDC contributes more than \$3.4 billion to Miami-Dade County's economy annually, accounting for around 2.5% of its Gross Regional Product.

Metrics to measure success – the Construction Trade Institute and its industry partners are invested in the long-term impact of this training and increasing the competencies of participants to ensure that they are career-ready, with skills that match employer needs. Program success will be measured through the following metrics:

Objective 1: Improve economic stability of participants through employment

- Number of participants retained in targeted programs of study (projected: 147)
- Number/Percentage of participants completing targeted programs (Target: 116/79%)
- Employment rate of participants completing targeted programs of study in occupation related to program of study (six-months post completion and upon job placement):
Target: 75%
- Hourly wage comparison (pre-job placement and post-job placement)

Objective 2: Promote employer partnerships and commitment to supporting targeted programs

- Number of employer partnerships maintained, and new partnerships established
- Types of employer contributions (funding, supplies, equipment, human capital, internships, interviewing and/or hiring of participants)

Additional Information

A. Is this an expansion of an existing training program?

Yes

Please provide an explanation for how the funds from this grant will be used to enhance the existing program.

Miami Dade College already has construction-related programs/courses including MDC Builds at the Homestead Campus in southern Miami-Dade County, a Property Management Certificate at Wolfson Campus in Downtown Miami, and a General Contractor License preparation course, among others. The Construction Trade Institute (CTI) will provide the opportunity to have a dedicated learning space for construction and expand programs into the trades.

B. Does the proposal align with Florida's Targeted Industries?

Yes

If yes, please indicate the specific targeted industries with which the proposal aligns. If no, with which industries does the proposal align?

CTI is aligned with the qualified targeted industries of construction and trades.

C. Does the proposal align with an occupation(s) on the Statewide Demand Occupations List and/ or the Regional Demand Occupations List?

Yes

If yes, please indicate the specific occupation(s) with which the proposal aligns. If no, with which occupation does the proposal align?

As reflected in Table 2, CTI aligns with 11 occupations on the Regional Demand Occupations List, 2022-23.

Table 2. Targeted Occupations Addressed by CTI					
SOC Code	Occupational Title	Annual Openings	Annual % Growth	Hourly Wage*	
				Mean	Entry
472031	Carpenters	645	.48	20.82	14.77
472051	Cement Masons & Concrete Finishers	190	.81	18.54	11.79
474011	Construction & Building Inspectors [≠]	204	1.34	27.81	13.25
119021	Construction Managers	439	1.41	55.00	32.35
131051	Cost Estimators	106	.42	32.66	19.62
472111	Electricians	530	1.21	23.30	14.69
471011	First-Line Supervisors of Construction Trades and Extraction Workers	587	.99	32.28	19.68
499021	Heating, Air Conditioning, and Refrigeration Mechanics & Installers	217	.80	21.87	15.84
472073	Operating Engineers & Other Construction Equipment Operators	237	1.28	23.24	16.54
472044	Tile and Stone Setters	93	1.73	18.13	15.98
514121	Welders, Cutters, Solderers & Brazers [≠]	157	.96	21.34	15.00
Source: 2022-23 Regional Demand Occupations List, FLDEO, Workforce Development Area – 23 – Miami-Dade and Monroe Counties *Regional ≠EFI Targeted Industry					

D. 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. If computer-based, identify the targeted location(s) (e.g. city, county, statewide, etc.) where the training will be available.

CTI trainings are classroom-based and will be held at the Construction Trade Institute and during its construction, at available spaces and classrooms at Miami Dade College's North Campus in northern Miami-Dade County.

E. Indicate the number of anticipated annual enrolled students and completers in the proposed program.

CTI is expected to reach 147 participants and to have 116 completers (enrollment and completion projections are shown in Table 3).

Table 3. Number of Anticipated Enrolled Participants and Completers over Project Period		
Program	Projected Enrollment	Number of Completers ±
CTE: Heating, Ventilation, Air-Conditioning/Refrigeration (HVAC/R) 1: (3 Courses) 1. Introduction to HVAC/R – 250 Hrs. 2. HVAC/R Fundamentals – 250 Hrs. 3. HVAC/R Service Practices – 250 Hrs. Projected 15 students per course	15	12
CTE: Welding Technology: (5 Courses) 1. Welder Assistant 1 – 150 Hrs. 2. Welder Assistant 2 – 150 Hrs. 3. Welder SMAW 1 – 150 Hrs. 4. Welder SMAW 2 – 150 Hrs. 5. Welder – 450 Hrs. Projected 12 students per course	12	10
CTE: Electricity: (3 courses) 1. Electrician Helper – 300 Hrs. 2. Residential Electrician – 450 Hrs. 3. Commercial Electrician – 450 Hrs. Projected 15 students per course	15	10
CTE: Building Maintenance and Management: (4 Courses) 1. Facilities Maintenance Helper – 360 Hrs. 2. Facilities Maintenance Technician 1 – 180 Hrs. 3. Facilities Maintenance Technician 2 – 180 Hrs. 4. Facilities Maintenance Assistant Supervisor – 240 Hrs. Projected 15 students per course	15	10
NCCER Core Curriculum	45	38

NCCER Project Supervision	15	12
General Contractor	15	12
Data Analytics I: Harnessing the Power of Data	15	12
TOTAL	147	116
± Number of completers is based on new student enrollments and students currently enrolled that will benefit from enhanced courses and complete program(s) of study during project period.		

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

(required) Begin Date:

Jan. 1, 2024

(required) End Date:

Dec. 31, 2026

G. Describe the plan to support the sustainability of the program after grant funds have been exhausted.

Career Technical Education (CTE) programs qualify for financial aid. Miami Dade College continuously works to establish new apprenticeships in partnership with local employers, create partnerships with industry leaders and set foundations to establish funding support of programs (similar to MDC Builds, a program that prepares students for entry-level construction jobs, which is funded by Lennar Foundation).

Employer/industry partnerships will provide additional resources, including access to training and curriculum materials (see Table 1). The College will also explore matching and future-funding opportunities from locally based foundations and city and county government.

MDC seeks program approvals with CareerSource South Florida as a viable workforce development opportunity for their clients. Additionally, MDC partners with REVEST, which provides educational and support services to asylees, refugees, Cuban/Haitian Entrants, Amerasians and Victims of Trafficking in order to reach their personal, academic and professional goals, to offer as an approved program for their students.

In addition, Miami Dade College has extensive experience managing large federal grants and has an infrastructure in place to ensure successful support. The College successfully manages an average \$175 million in annual expenditures of federal and non-federal grant funding; the College currently manages over 150 grant projects, valued at approximately \$263 million in grant funding. The Business Affairs department uses a specialized management information system to monitor grant expenditures and generate reports that support the administration of MDC contracts. The College's Resource Development department employs a Grant Compliance Officer to train grant staff in the requirements contained in MDC's Grant Administration Guide and who supports implementation of grant projects.

H. Identify any certifications, degrees, or other credentials that students may obtain through completion of the program. Please include the Classification of Instructional Programs (CIP) code and the percent of completers in each code corresponding with Section E.

Table 4. Certifications and Degrees with Crosswalk to Classification of Instructional Programs (CIP) Code and Percentage of Completers			
CIP Code	% of Completers	Program	Type of Credential Earned
0615050111	80%	Heating, Ventilation, Air-Conditioning/Refrigeration (HVAC/R)	<p>CTE Program</p> <p>NCCER certification in HVAC</p> <p>Stackable industry credentials from National Coalition of Certification Centers (NC3) in: Airflow Certification, Refrigeration Diagnostic Certification, Variable Speeds Motor Certification, Air-to-Air Heat Pump Certification</p>
0648050805	84%	Welding Technology	<p>CTE Program</p> <p>NCCER certification in Welding</p>
0646030202	67%	Electricity	<p>CTE Program</p> <p>NCCER certification in Electrical</p>
0646040107	67%	Building Maintenance and Management	<p>CTE Program</p> <p>OSHA 10</p> <p>NCCER Core certification</p>
Certification	85%	NCCER Core Curriculum	<p>NCCER Core certification.</p> <p>OSHA 10</p>

Certification	80%	NCCER Project Supervision	NCCER Certification in Project Supervision.
License	80%	General Contractor	General Contractor License
Certification	80%	EPA Certification	Section 608 Technician Certification
Certification	80%	Data Analytics I: Harnessing the Power of Data	National Coalition of Certification Centers (NC3) Certification in Data Analytics
Key: CTE = Career Technical Education, NCEER = National Center for Construction Education and Research			

It should be noted that many programs incorporate stackable credentials so students can acquire college credit, a technical, or industry certificate, and obtain immediate employment, with the option to continue their postsecondary education.

I. Does this project have a local match amount?

Yes

Please describe the entity providing the match and the amount. (Do not include in-kind.)

Related Urban Development Group - \$33,000, directly supporting certificate program(s) that is included in the Construction Trade Institute's programming. In addition, Miami Dade College is working with several other potential local funders to support programming. Finally, federal Economic Development Administration (EDA) funding has been secured for the majority of construction costs.

J. Provide any additional information or attachments to be considered for the proposal.

Please see attached letters of support from partners and project beneficiaries.

Program Budget

Project Funding Sources

(required) City/County:

\$0

Private Sources:

\$33,000 (Related Urban Development Group)

Other (grants, etc.):

\$1,821,600

(required) If you entered an amount in the Other section above, please provide the source of the funding below.

U.S. Department of Commerce, Economic Development Administration (EDA)

Project Costs

Equipment:

\$380,000

Personnel:

\$226,606

Facilities:

\$2,221,600

Tuition:

\$740,220

Training Materials:

\$20,000

Other:

\$138,706

If you entered an amount in the Other \$ section above, please provide details on the expenses below.

Indirect costs (See Budget Narrative for Description)

Total Other Funding: \$1,854,600

Total Project Costs: \$3,727,132

Total Amount Requested: \$1,872,532

C. Provide a detailed budget narrative, including the timing and steps necessary to obtain the funding, how equipment purchases will be associated with the training program, if applicable, and any other pertinent budget-related information. You may upload relevant documents under the Supporting Documents section prior to submitting your proposal.

Miami Dade College requests a total of \$1,872,532 towards the full project budget from the Florida Department of Economic Opportunity.

Equipment: Equipment is being purchased to support program training and will be purchased within the first year of the project, with most equipment purchased within the first quarter of the project. Requested funds will fulfill completing equipment needed that includes heat pumps, air handlers, furnace, bandsaw; welding equipment including gun spools, electrode sticks, and safety gear, among others, totaling \$380,000.

Personnel: The salaries requested are in accordance with MDC’s policies and job descriptions. Project Director – The Project Director (Level 16) will begin on Year 2 of the project period and ensure appropriate tracking and timely expenditure of funds. The Project Director will be responsible for developing and submitting reports, as required. This position will ensure leveraging of all available resources across funding sources (i.e., committed partners and any other identified sources) and connect with industry during the project period. The Project Director will work with MDC Institutional Research Department to track performance outcomes related to stated objectives and MDC Resource Development to identify and secure funding for sustainability, expansion, and/or enhancements. They will work with Facilities and the Dean to build a framework for credit and non-credit courses, as well as logistics for students. It is the College's intent to use revenue generated from the proposed project to sustain this position, which would eventually function as Chair in the long run. A 2% annual salary increase (Cost of Living Allowance – COLA) is requested for the full-time CTI Project Director position in accordance with MDC policy, which requires Board of Trustee approval.

Salaries				
Position	Full-time	Time (%)	Year 2	Year 3
Project Director	FT	100%	\$83,452	\$85,122
TOTAL			\$83,452	\$85,122
Fringe Benefits				
			Year 2	Year 3
Employer-based fringe benefits are established by MDC’s Board of Trustees. Fringe benefits for the full-time employees are calculated at 20.48% which includes Social Security (6.20%), Medicare (1.45%), and employer contribution to the Florida Retirement System (12.83%), and a flat \$11,349 for health, life, and dental insurance.			\$29,250	\$28,782
Total Personnel Costs (Salaries and Fringe Benefits)			\$112,702	\$113,904

Facilities: Miami Dade College requests \$400,000 as a match to the awarded EDA grant of \$1,821,600 towards the completion of the Construction Trade Institute in the first year of the project. Through the project, they will: procure a general contractor to work with the College’s Facilities Team; execute demolition and preparation of the existing space; build out the 3,100 square foot space; install a new 1,300 square foot roof over exterior space; install 2,000 KW solar panels; and relocate the 400 square foot mechanical room. Funds will be used for demotion, interior construction, finishes, HVAC, roofing, plumbing, fire protection, electrical, safety and security, exterior and roof structure, general conditions, insurance/bond, and other costs.

Tuition: Tuition is requested at \$707,220 for project years 2 and 3, to cover the courses, certification preparations and varying training hours each discipline requires. In addition, the College has secured \$33,000 from Related Urban Development Group (private funding), directly supporting certificate program(s) that is included in the Construction Trade Institute’s programming.

Training Materials: Supplementary course materials for construction are requested. Total request is \$20,000 for the project period.

Other: Indirect Costs

While MDC has a federally negotiated indirect cost rate of 48.3%, for this project indirect costs are being requested at a reduced rate of 8% of total direct (\$1,733,826), totaling \$138,706 for the three-year project.

Approvals and Authority

A. If the entity is awarded grant funds based on this proposal, what approvals must be obtained before the entity can execute a grant agreement with the Florida Department of Economic Opportunity (e.g. approval of a board, commission or council)?

At the Board of Trustees meeting following application submission, the Board of Trustees is presented with the proposed project, target population, and requested amount for review and approval. The receipt of Board of Trustees approval prior to formal award eliminates the need to seek Board of Trustee approval post-award, facilitating timely, expeditious startup and implementation of the project. For this application, the proposal will be presented to the Board of Trustees at the July 18, 2023, Board of Trustees meeting.

B. If approval of a board, commission, council or other group is needed prior to execution of an agreement between the entity and the Florida Department of Economic Opportunity.

(required) i. Provide the schedule of upcoming meetings for the body for a period of at least six months.

The following are the dates of the upcoming Board of Trustees meetings:

- July 18, 2023
- September 19, 2023
- October 17, 2023
- November 14, 2023
- December 12, 2023
- January 16, 2024
- February 20, 2024
- March 19, 2024
- April 16, 2024
- May 21, 2024
- June 18, 2024

(required) ii. State whether entity is willing and able to hold special meetings, and if so, how many days must the special meetings be noticed.

If needed, the District Board of Trustees of Miami Dade College can hold a special meeting with a 7-day notice.

Office of the College President
300 N.E. Second Avenue
Miami, Florida 33132-2297



Madeline Pumariega
College President
Phone: (305) 237-3221
Fax: (305) 237-3109
Email: mpumarie@mdc.edu

June 21, 2023

Florida Department of Economic Opportunity
107 East Madison Street
Caldwell Building
Tallahassee, Florida 32399-4120

Dear Secretary Eagle,

It is my pleasure to submit Miami Dade College's proposal for its Construction Trades Institute (CTI) to the Florida Department of Economic Opportunity for funding consideration under the Florida Job Growth Grant Fund.

Miami Dade College's Construction Trade Institute (CTI) proposes to offer workforce training within the targeted industry of construction and trades. CTI is a center specifically designed to focus on the preparation of a skilled workforce for an ever-growing construction ecosystem. The Construction Trade Institute aims to position participants to fill the pipeline of high paying construction jobs that exist in Florida and that are coming to this region. The newly renovated modular space will facilitate hands-on training of multiple trades training programs, including but not limited to HVAC, welding, electrical, and building maintenance as well as project supervision, data analytics, and general contractor licensing preparation. This innovative modular space design will allow for enhanced functionality and adaptability of the space to meet the current and future training needs of the local and regional workforce. This space will be highly responsive to meet future job growth needs, participant schedules, and evolving training methods.

Thank you for your consideration of our proposal.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Mpumariega'.

Madeline Pumariega

June 28, 2023



President Fermin Vazquez
MIAMI DADE COLLEGE
11011 SW 104 Street
Miami, Florida 33176

RE: 2023-2024 Florida Job Growth Grant Fund Workforce Training Grant Proposal / Strategic Partner
Commitment with the Florida Department of Economic Opportunity

Dear President Fermin Vazquez:

BDI Construction Company welcomes the opportunity to partner with Miami Dade College-North Campus in its proposed Construction Trade Institute. We recognize that this initiative supports the U.S. Department of Commerce, Economic Development Administration and addresses the immediate job-related needs of our community by developing trainings and other support services that lead to job creation, higher wages, increased entrepreneurship, and improved innovation in South Florida.

BDI Construction incorporated in 1994. Our team has a combined experience of over one hundred fifty years in the construction industry. In the South Florida market, we are recognized as a reputable, responsible, and reliable contractor.

The proposed project is well-aligned with our company's training objectives and seeks to promote economic and environmental recovery and resiliency efforts in the region. As a direct result of the proposed project's scope of work, BDI Construction will be able to create and/or save 12 jobs per year.

As such, we urge U.S. Department of Commerce, Economic Development Administration to fund the Construction Trade Institute at Miami Dade College-North Campus.

Sincerely,

BDI CONSTRUCTION COMPANY

A handwritten signature in blue ink, appearing to read "T. Rosell", is written over the company name.

Teobaldo Rosell
President



7171 NW 74 Street, Miami, FL 33166
T. 305.887.1573 / F. 305.885.0994
karlarrabee.com

President Fermin Vazquez
Miami Dade College, North Campus
11380 NW 27th Avenue
Miami, FL 33167

Dear President Vazquez,

KAR & Larrabee Mechanical Contractors is pleased to provide this letter in support of Miami Dade College, North Campus' application to the Florida Department of Economic Opportunity's 2023-2024 Florida Job Growth Grant Fund Workforce Training Grant Proposal.

The proposed project is well-aligned with our mission and seeks to promote economic and environmental recovery and resiliency efforts in the region. This initiative addresses the immediate job-related needs of our community by developing trainings and other support services that lead to job creation, higher wages, increased entrepreneurship, and improved innovation in South Florida. As a direct result of the proposed project's scope of programs, participants will acquire skills and knowledge to meet workforce opportunities in construction trades and companies will be able to fill many needed jobs.

KAR & Larrabee Mechanical Contractors is a Florida-based mechanical contractor with full-service Engineering, Construction, Building Management Solutions and Service divisions.

KAR & Larrabee Mechanical Contractors will support MDC by:

- Promoting the grant project and program opportunities.
- Assisting in recruiting participants through raising program awareness.

We urge the Florida Department of Economic Opportunity to fund this vital and innovative workforce training project at the Construction Trades Institute at MDC's North Campus.

Sincerely,

A handwritten signature in black ink, appearing to read 'Erick Lopez'.

Erick Lopez
Director of Service
KAR & Larrabee Mechanical Contractors

LENNAR[®]

FOUNDATION

June 27, 2023

President Fermin Vazquez
Miami Dade College, North Campus
11380 NW 27th Avenue
Miami, FL 33167

Dear President Vazquez,

The Lennar Foundation welcomes the opportunity to provide this letter in support of Miami Dade College, North Campus' application to the Florida Department of Economic Opportunity's 2023 -2024 Florida Job Growth Grant Fund Workforce Training Grant Proposal. We recognize this initiative supports the immediate job-related needs of our community by developing trainings and other support services that lead to job creation, higher wages, increased entrepreneurship, and improved innovation in South Florida.

The Lennar Foundation is the philanthropic arm of Lennar Corporation, a home construction and real estate company in South Florida and operating in 21 States. In addition to being the 2nd largest home construction company in the U.S., Lennar Corporation ranks among the Fortune 500.

The proposed project is well-aligned with our company's training objectives and seeks to promote economic and environmental recovery and resiliency efforts in the region. As such, the Lennar Foundation will support MDC by:

- Promoting the grant project and program opportunities.
- Share program awareness.

We urge the Florida Department of Economic Opportunity to fund this vital and innovative workforce training project at the Construction Trades Institute at MDC's North Campus.

Sincerely,



Marshall Ames
Chairman
The Lennar Foundation



President Fermin Vazquez
Miami Dade College, North Campus
11380 NW 27th Avenue
Miami, FL 33167

Dear President Vazquez,

Miller Electric & Hobart Brothers of ITW Welding is pleased to provide this letter in support of Miami Dade College, North Campus' application to the Florida Department of Economic Opportunity's 2023 -2024 Florida Job Growth Grant Fund Workforce Training Grant Proposal.

This initiative addresses the immediate job-related needs of our community by developing trainings and other support services that lead to job creation, higher wages, increased entrepreneurship, and improved innovation in South Florida. As a direct result of the proposed project's scope of work, companies in the welding and construction-related industry will be able to fill many needed jobs.

Miller Electric leads the welding industry in building advanced, solution-focused products and meeting crucial needs for welding safety and health. In support of this initiative, Miller Electric will support MDC by:

- Promoting the grant project and program opportunities.
- Share program awareness.

We urge the Florida Department of Economic Opportunity to fund this vital and innovative workforce training project at the Construction Trades Institute at MDC's North Campus.

Sincerely,

A handwritten signature in black ink, appearing to read "Juan Carlos Cowley", is written over the printed name.

Juan Carlos Cowley
District Manager
ITW Welding North America
Miller Electric & Hobart Brothers



STOBS BROS. CONSTRUCTION CO.

General Contractors

Construction Managers

580 N.E. 92nd Street, Miami Shores, Florida 33138

Ph: 305-751-1692 * Email: Bob@stobs.com

C.G.C. 011055

June 27, 2023

President Vazquez
Miami Dade College-North Campus
11380 NW 27th Ave
Miami, Florida 33167

Dear President Vazquez,

Stobs Bros. Construction Co., welcomes the opportunity to partner with Miami Dade College's North Campus in its proposed Construction Trades Institute. We recognize that this initiative supports Florida Department of Economic Opportunity's 2023 -2024 Florida Job Growth Grant Fund Workforce Training Grant Proposal and addresses the immediate job-related needs of our community by developing trainings and other support services that lead to job creation, higher wages, increased entrepreneurship and improve innovation in South Florida.

Stobs Bros. Construction Co., is a family owned corporation that was founded in 1937 in Miami Dade County, where we still maintain our only office. Since 1996, all of our work has been under the CM at Risk Delivery method. Over 90 percent of our work to the present day has been for repeat institutional clients, including both private and public sectors. The majority of our projects typically incorporate highly technical Mechanical, Plumbing and Electrical systems. These Subcontractors are always in need of skilled tradesmen, as is Stobs Bros.

The proposed project's scope of work is well-aligned with our company's training objectives and seeks to promote economic and environmental recovery and resiliency efforts in the region. Stobs Bros. Construction Co., has approximately 5 full-time job vacancies annually and will directly benefit from this new program by being able to recruit potential candidates from who successfully complete the program.

The Construction Trades Institute will help build a pipeline of talent for the industry. Skilled tradesmen are essential to the success of our business. Students will benefit from a rigorous hands-on learning environment where they will acquire industry credentials and prepare them to enter the workforce.

We urge the State of Florida to fund the Construction Trades Institute at Miami Dade College's North Campus.

Sincerely,

Robert Stobs, II

President

Stobs Bros. Construction Co.



June 27, 2023,

President Fermin Vazquez
Miami Dade College, North Campus
11380 NW 27th Avenue
Miami, FL 33167

Dear President Vazquez,

With this letter, Trane confirms its commitment to serve as a strategic partner on the Miami Dade College, North Campus' application to the Florida Department of Economic Opportunity's 2023 -2024 Florida Job Growth Grant Fund Workforce Training Grant Proposal.

The proposed project is well-aligned with our company's training objectives and seeks to promote economic and environmental recovery and resiliency efforts in the region. This initiative addresses the immediate job-related needs of our community by developing trainings and other support services that lead to job creation, higher wages, increased entrepreneurship, and improved innovation in South Florida. As a direct result of the proposed project's scope of work, Trane and other HVAC companies will be able to fill many needed HVAC technician jobs.

Trane is part of Trane Technologies, known as climate innovators with the courage to look at our world's challenges and see endless opportunity. We bring efficient and sustainable climate innovations to buildings, homes and transportation.

As a strategic partner, Trane will support MDC by:

- Promoting the grant project and program opportunities.
- Assisting in recruiting participants through raising program awareness.

We urge the Florida Department of Economic Opportunity to fund this vital and innovative workforce training project at the Construction Trades Institute at MDC's North Campus.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Kenyon Holmes', is written over a light blue circular stamp.

Kenyon Holmes
Trane - Regional Contracting Manager

Commercial HVAC Americas, Florida
2884 Corporate Way, Miramar, FL 33025 Tel: 954.499.6900



June 27, 2023

President Fermin Vazquez
Miami Dade College-North Campus
11380 NW 27th Avenue
Miami, Florida 33167

Dear President Vazquez,

VIA Design Studio, welcomes the opportunity to partner with Miami Dade College-North Campus in its proposed Construction Trades Institute. We recognize that this initiative supports the Florida Department of Economic Opportunity's 2023 -2024 Florida Job Growth Grant Fund Workforce Training Grant Proposal and addresses the immediate job-related needs of our community by developing trainings and other support services that lead to job creation, higher wages, increased entrepreneurship, and improved innovation in South Florida.

VIA Design Studio is an architectural company in the Miami tri-county area specializing in educational and public sector projects. We have been in business for over 15 years and come out in the South Florida Business Journal as a top 25 architectural firms by volume of work for several years. In our firm we hire design professionals as well project managers, construction administrators and other positions related to the construction field.

The proposed project's scope of work is well-aligned with our company's training objectives and seeks to promote economic and environmental recovery and resiliency efforts in the region. VIA Design Studio has approximately 5 full-time job vacancies annually and will directly benefit from this new program by being able to recruit potential candidates from students who successfully complete the program.

The Construction Trades Institute will help build a pipeline of talent for the industry. Skilled tradesmen are essential to the success of our business. Students will benefit from a rigorous, hands-on learning environment where they will acquire industry credentials and prepare to enter the workforce.

We urge the State of Florida to fund the Construction Trades Institute at Miami Dade College-North Campus.

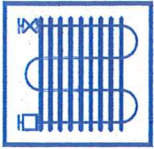
Sincerely,



Ana Paula Ibarra, AIA, LEED

VIA Design Studio

Managing Principal
103 Westward Drive
Miami, FL 33166
P 305.887.8279 x11



Coltec Engineering, Inc.

12169 S.W 131st Avenue Miami, FL 33186
Tel (305) 256-0046, Fax (305) 256-0044

November 3, 2021

President Fermin Vazquez
Miami Dade College-North Campus
11380 NW 27th Avenue
Miami, Florida 33167

Dear President Vazquez,

Coltec Engineering, Inc., welcomes the opportunity to partner with Miami Dade College-North Campus in its proposed Construction Trades Institute. We recognize that this initiative supports the U.S. Department of Commerce, Economic Development Administration and addresses the immediate job-related needs of our community by developing trainings and other support services that lead to job creation, higher wages, increased entrepreneurship, and improved innovation in South Florida.

Coltec Engineering, Inc. is an HVAC Contractor

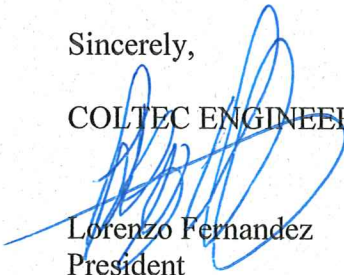
The proposed project's scope of work is well-aligned with our company's training objectives and seeks to promote economic and environmental recovery and resiliency efforts in the region. Coltec Engineering, Inc. has approximately 6 full-time job vacancies annually and will directly benefit from this new program by being able to recruit potential candidates from students who successfully complete the program.

The Construction Trades Institute will help build a pipeline of talent for the industry. Skilled tradesmen are essential to the success of our business. Students will benefit from a rigorous, hands-on learning environment where they will acquire industry credentials and prepare to enter the workforce.

We urge U.S. Department of Commerce, Economic Development Administration to fund the Construction Trades Institute at Miami Dade College-North Campus.

Sincerely,

COLTEC ENGINEERING, INC.


Lorenzo Fernandez
President

KENDALL ELECTRIC, INC.

6705 SW 145 STREET

Miami, Florida 33158

305-238-7033 / FAX NO. 305-238-0788

e-mail address: kendallelec@bellsouth.net

State Certified Electrical Contractor
License No. EC0002086

November 3, 2021

President Fermin Vazquez
Miami Dade College-North Campus
11380 NW 27th Avenue
Miami, Florida 33167

Dear President Vazquez,

Kendall Electric, Inc., welcomes the opportunity to partner with Miami Dade College-North Campus in its proposed Construction Trades Institute. We recognize that this initiative supports the U.S. Department of Commerce, Economic Development Administration and addresses the immediate job-related needs of our community by developing trainings and other support services that lead to job creation, higher wages, increased entrepreneurship, and improved innovation in South Florida.

Kendall Electric Inc., an electrical contracting company established in 1990, is currently in its 31st year servicing Dade and Broward counties. Our company specializes in commercial and industrial electrical construction, fire alarm, security systems, public address systems, CCTV, intercom, fence detection, energy management, emergency power supply (generators, etc.) and high voltage equipment and terminations (15kv).

The proposed project's scope of work is well-aligned with our company's training objectives and seeks to promote economic and environmental recovery and resiliency efforts in the region. Kendall Electric has approximately 2 full-time job vacancies annually and will directly benefit from this new program by being able to recruit potential candidates from students who successfully complete the program.

The Construction Trades Institute will help build a pipeline of talent for the industry. Skilled tradesmen are essential to the success of our business. Students will benefit from a rigorous, hands-on learning environment where they will acquire industry credentials and prepare to enter the workforce.

We urge U.S. Department of Commerce, Economic Development Administration to fund the Construction Trades Institute at Miami Dade College-North Campus.

Sincerely,



Diane Bardelas
Vice President
Kendall Electric, Inc.



November 1, 2021

President Fermin Vazquez
Miami Dade College-North Campus
11380 NW 27th Avenue
Miami, Florida 33167

Dear President Vazquez,

Nyarko Architectural Group, Inc. welcomes the opportunity to partner with Miami Dade College-North Campus in its proposed Construction Trades Institute. We recognize that this initiative supports the U.S. Department of Commerce, Economic Development Administration and addresses the immediate job-related needs of our community by developing trainings and other support services that lead to job creation, higher wages, increased entrepreneurship, and improved innovation in South Florida.

Nyarko Architectural Group is a 100% African American owned Architectural and Engineering Firm with main office in Miami, Florida. Established in 1996, the firm has steadily expanded its services in the entire State of Florida, offering professional design and construction administration services to County and City Government Agencies, Public School Districts, Colleges, Universities, and private clients. The firm's continuous growth and success have always depended on the availability of qualified personnel in the local job market, especially from the local colleges and universities.

The Miami Dade College-North Campus proposed project's scope of work is well-aligned with Nyarko Architectural Group's training objectives that seeks to promote economic and environmental recovery and resiliency efforts in the region. Nyarko Architectural Group has approximately five full-time job vacancies annually and will directly benefit from this new program by being able to recruit potential candidates from students who successfully complete the program.

The Construction Trades Institute will help build a pipeline of talent for the industry. Skilled tradesmen are essential to the success of our business. Students will benefit from a rigorous, hands-on learning environment where they will acquire industry credentials and prepare to enter the workforce.

We urge U.S. Department of Commerce, Economic Development Administration to fund the Construction Trades Institute at Miami Dade College-North Campus.

Sincerely,

Charles Nyarko, AIA, NCARB, LEED^{AP}
President and Principal Architect
Nyarko Architectural Group, Inc.

Palmetto Homes Urban Development Group Inc.
4952 NW 7th Ave. Miami Florida 33127



October 12, 2021

President Fermin Vazquez
Miami Dade College-North Campus
11380 NW 27th Avenue
Miami, Florida 33167

Dear President Vazquez,

Palmetto Homes Urban Development Group, Inc., welcomes the opportunity to partner with Miami Dade College-North Campus in its proposed Construction Trades Institute. We recognize that this initiative supports the U.S. Department of Commerce, Economic Development Administration and addresses the immediate job-related needs of our community by developing trainings and other support services that lead to job creation, higher wages, increased entrepreneurship, and improved innovation in South Florida.

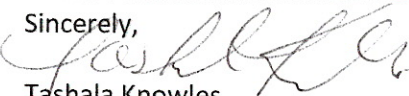
Palmetto Homes Urban Development Group is a 501c3 non-profit organization that seeks to provide restoration and nurturing to at-risk youth by enriching them with skills to allow them to be successful and productive in their lives and in the community. The Palmetto Homes Urban Community Initiative introduces youths to the construction industry, where single-family residences are custom-built from the ground up.

The proposed project's scope of work is well-aligned with our company's training objectives and seeks to promote economic and environmental recovery and resiliency efforts in the region. As a strategic partner to Miami Dade College, Palmetto Homes Urban Development Group, Inc. will create paid apprenticeship opportunities for 10 students enrolled in the Construction Trades Institute. Completion of this six to twelve month paid apprenticeship improves the students' likelihood of being hired for a position in the construction industry. Palmetto Homes will directly benefit from this new program by being able to recruit potential candidates from students who successfully complete the construction program and fill an estimated 10 full-time equivalent jobs.

Through this partnership with Miami Dade College-North Campus, we will be able to strengthen our training program for at-youth risks by facilitating the instruction at the Construction Trades Institute. Students will benefit from a rigorous, hands-on learning environment that will prepare them with the skills for entry into the trades industry.

We urge U.S. Department of Commerce, Economic Development Administration to fund the Construction Trades Institute at Miami Dade College-North Campus.

Sincerely,


Tashala Knowles
President

Palmetto Homes Urban Development Group, Inc.

Unlimited Electrical Technologies
P.O. Box 15121
Plantation, FL 33318
Lic: # EC0002054
305.525.0461

October 22, 2021

President Fermin Vazquez
Miami Dade College-North Campus
11380 NW 27th Avenue
Miami, Florida 33167

Dear President Vazquez,

Unlimited Electrical Technologies welcomes the opportunity to partner with Miami Dade College-North Campus in its proposed Construction Trades Institute. We recognize that this initiative supports the U.S. Department of Commerce, Economic Development Administration and addresses the immediate job-related needs of our community by developing trainings and other support services that lead to job creation, higher wages, increased entrepreneurship, and improved innovation in South Florida.

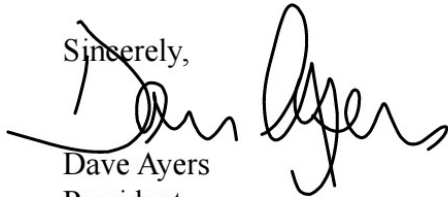
Unlimited Electrical is an electrical contractor company that focuses on residential and commercial builds and repairs.

The proposed project's scope of work is well-aligned with our company's training objectives and seeks to promote economic and environmental recovery and resiliency efforts in the region. Unlimited Electrical will directly benefit from this new program at Miami Dade College as each year we experience an estimated 5 full-time job openings and will be able to recruit potential candidates from students who successfully complete the electrician program.

The Construction Trades Institute will help build a pipeline of talent for the electrical industry. Skilled tradesmen are essential to the success of our business. Students will benefit from a rigorous, hands-on learning environment where they will acquire industry credentials and prepare to enter the workforce.

We urge U.S. Department of Commerce, Economic Development Administration to fund the Construction Trades Institute at Miami Dade College-North Campus.

Sincerely,



Dave Ayers
President

Unlimited Electrical Technologies