



City of Fort Lauderdale

Net Zero Plan
for the City of Fort Lauderdale
Proposal

RFP Event 95
June 13, 2023





June 13, 2023

1000 Sawgrass Corporate PKWY
Suite 578
Sunrise, FL 33323
+1 (954) 908-8700
wsp.com

Laurie Platkin, Procurement Specialist
City of Fort Lauderdale
Procurement Services Division
100 N. Andrews Avenue, Suite 619
Fort Lauderdale, Florida 33301

Re: Net Zero Plan for the City of Fort Lauderdale

Dear Members of the Selection Committee,

WSP USA Inc. (WSP) is pleased to submit this proposal to support the City of Fort Lauderdale (the City) in developing a Net Zero Plan. The City is well-known worldwide as a place to visit, live, own a business, and thrive. For years, the City has taken actions to reduce its contributions to global greenhouse gas emissions, with more than a decade of integrating ambitious, impactful measures into its planning efforts. While these efforts have resulted in a solid foundation of greenhouse gas reduction actions, the City has now committed to develop and implement a plan that will result in net zero greenhouse gas emissions by 2050.

The outcome of the Net Zero Plan will:

- Quantify the greenhouse gas emissions reduction potential** of specific actions across community-wide and city government operations sources.
- Prioritize actions for implementation** based on a prioritization framework that considers greenhouse gas reduction potential, available funding, potential implementation barriers, and needed stakeholder support.
- Outline an implementation roadmap** that highlights next steps, responsible parties, relevant community partners, costs, and timeline.
- Provide critical information with a sound technical basis** to inform stakeholders, support City actions, and track implementation and greenhouse gas emissions reductions over time.

WSP is prepared to support the City on this important effort and has assembled a team that can provide the full scope of services required to deliver this project successfully. WSP has assembled a team with deep expertise in municipal climate action and net zero planning.

The team will be led by **Angie Xiong**, WSP's Project Manager, and supported by **Catherine Prince**, WSP's Deputy Project Manager. Angie has more than 12 years of experience developing decarbonization strategies for municipalities and private sector organizations, and is a Project Director in WSP's Sustainability, Energy, and Climate Change national practice. Catherine worked at the City's Transportation and Mobility Department before joining WSP. She is a principal and regional lead for the Climate, Resilience and Sustainability national business line at WSP. Catherine is a local Florida resident who understands community concerns and effective communication methods and is committed to effective planning. The key delivery team includes additional staff and subject matter experts with experience developing leading municipal climate actions plans.

Our proposed project team is uniquely positioned to successfully complete this project:

- ✓ Our team has experience **developing stakeholder-led, comprehensive municipal climate action plans** that account for cities' unique conditions, priorities, stakeholder concerns, and opportunities for partnerships across sectors.
- ✓ We have assembled a team that **combines leading climate planning expertise with local knowledge and experience.**
- ✓ Our team members have **led community-focused conversations on climate action planning across the region, state, and nation.** We are skilled at translating technical climate analysis into rich engagement opportunities for community members, experts, and decision-makers.

I trust that you will find the basis for selecting WSP for this project in the following pages, and I am available if you have any questions. We look forward to being given the opportunity to support you on this critical effort. If you would like to discuss this proposal or other concerns, you can reach me at 212-465-5789 or jonathan.dickinson@wsp.com.

Respectfully,



Principal-in-Charge
Vice President, WSP



Angie Xiong, AICP
Project Manager
Project Director, WSP

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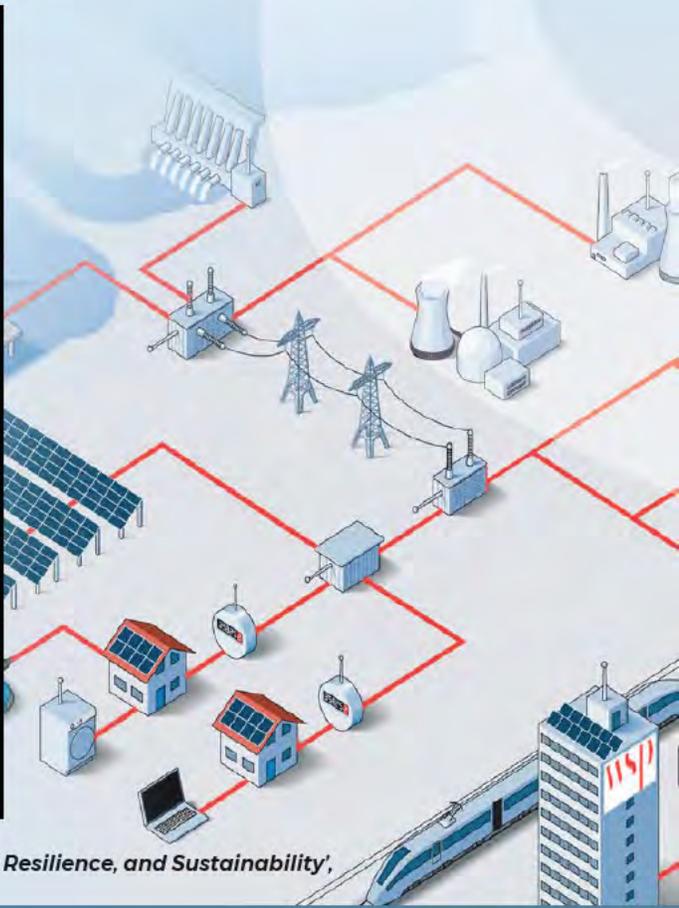
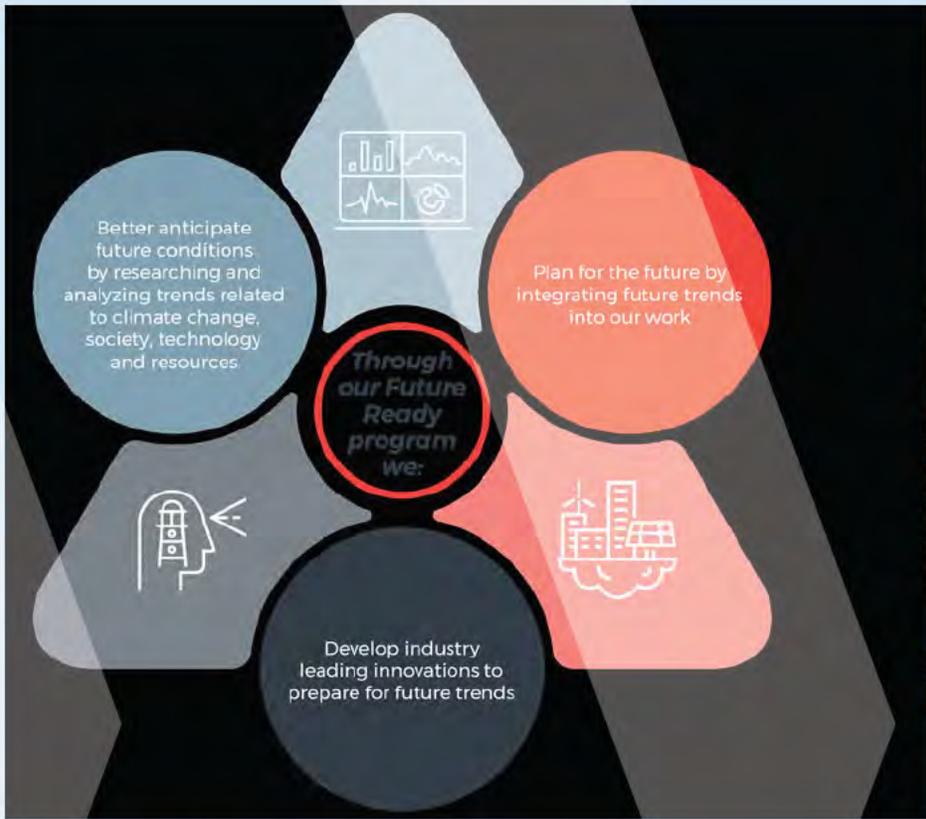
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This team went above and beyond to get this project completed on time. There were some challenges along the way, but they always brought innovative problem solving and action-oriented solutions to the table. We couldn't have picked a better team for this job!”

Jenny Smith
Assistant Director
California Department of Natural Resources



Excerpts from *Future Ready. Your Organizations' Guide to Rethinking Climate, Resilience, and Sustainability*, written by WSP.

SECTION 1

Executive Summary



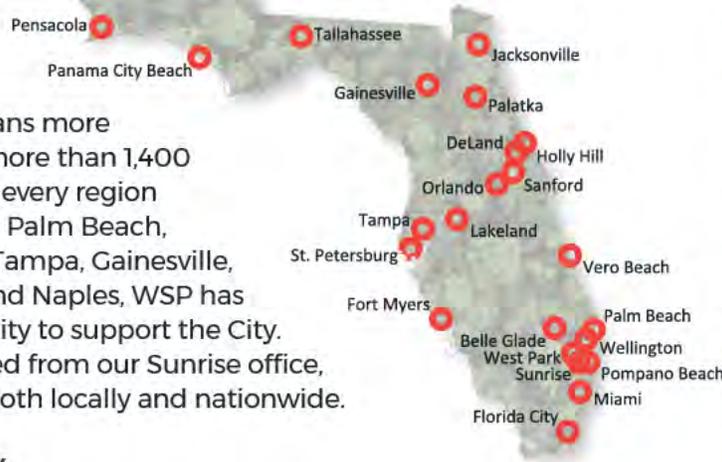
Executive Summary

WSP USA Inc. (WSP) is the US operating company of WSP, one of the world's leading engineering and professional services firms. A corporation licensed and registered in the State of Florida, we are engineers, planners, technical experts, strategic advisors and construction management professionals dedicated to serving local communities.

As the City makes great strides in ensuring a safe and thriving future for its communities, it is critical that the City selects a consultant who is not only familiar with its mission and aims, but who is also rooted in compatible values and visions for the future. WSP, a national leading engineering and professional services firm, operates on both a large, multi-disciplinary scale and at a local, client specific scale.

Office Locations

WSP has maintained a presence in Florida that spans more than three decades. With more than 1,400 people in offices located in every region of the state, including West Palm Beach, Miami, Orlando, Lakeland, Tampa, Gainesville, Jacksonville, Tallahassee, and Naples, WSP has the local resources and ability to support the City. This project will be managed from our Sunrise office, drawing on the resources both locally and nationwide.



Background and History

With a 138-year history, WSP is one of the oldest continuously operating consulting firms in the United States that has a strong commitment to technical excellence, a diverse workforce, and dedicated service to our clients. Our infrastructure portfolio ranges from the mega projects that define an entire region to smaller, more local projects that keep communities humming.

In Florida, we have provided solutions ranging from planning to design, design evaluations, project management and construction of infrastructure systems for Florida cities, counties and utilities for more than 60 years. Some of our clients include Pinellas County, Monroe County, Miami-Dade County, Florida Department of Transportation, City of Miami Beach, South Florida Regional Transportation Authority, and South Florida Water Management District.

Key Individuals

WSP has assembled an experienced team who has worked together previously and has been serving South Florida clients for decades. Our local, integrated team offers proven leadership from individuals that you know and the capacity required to deliver the City's greenhouse gas mitigation planning and implementation needs.

1885



In the U.S., WSP's origins date back to 1885, when William Barclay founded the company that would become **Parsons Brinckerhoff** in NYC.

1904



The firm has led the rail and transit sector since its first project: the design of the New York City subway system, which opened in 1904.

1960s



The firm began operating in Florida in the 1960s.

2015



Parsons Brinckerhoff was acquired by WSP, becoming WSP's transport and resilient infrastructure group in the U.S.

2022



WSP acquires the **Environment & Infrastructure (E&I) business of Wood plc**, further expanding our premier transportation and resilient infrastructure capabilities in Florida.

Firm Stats



1400
Florida Based
Employees



200
Florida Based
Professional
Engineers



\$33 B
Helped Entities Secure
Federal Grants
and Loans for 140
projects since 2009



#1
ENR's Top 225
International
Design Firms



#7
ENR's Top 125
Environmental
Firms

Corporate Officers

US President and CEO
Lou Cornell

Regional President, Southeast
Jerry Jannetti

National Business Line President,
Earth & Environment

Joseph Sczurko

Climate Resilience & Sustainability
Leader

Eric Christensen

Key individuals who will be directly involved in this contract include Project Manager, **Angie Xiong, AICP** (New York, NY); and Deputy Project Manager, **Catherine Prince, PMP, LEED AP, STP** (Broward, FL). As an experienced project management team, they will keep the team on schedule and the project within budget.

Angie Xiong has over 12 years of experience in the field of climate change and resilience, with a focus on net-zero strategy, stakeholder engagement, and climate vulnerability and adaptation. Prior to joining WSP, Angie supported over a dozen climate action and adaptation planning projects for jurisdictions and public agencies in California as an AICP-certified planner. This work has enabled her clients to meet and exceed regulatory requirements (e.g., Senate Bill [SB] 32, Assembly Bill 32, SB 379), implement GHG reduction measures and adaptation strategies, and protect communities who are most vulnerable to climate impacts. Most recently, Angie has supported clients on net-zero target-setting in alignment with the Science Based Targets initiative (SBTi) standards and development of actionable target achievement roadmaps. Catherine Prince is based out of WSP's Sunrise office and will help lead this team by integrating transportation, climate resiliency, and urban design. She is also experienced as an implementor of several safe and complete street projects in the City of Fort Lauderdale and around Florida.

Other key individuals include **Jon Dickinson** (New York, NY), **Jeff Irvine** (Bethlehem, PA), **Rebecca Vanderbeck, PE** (Jacksonville, FL), **Teresa Vangeli, PE, ENV SP, LEED AP** (Boston, MA), **Jenny Bankie** (Bethlehem, PA), and **Rebecca Holzwarth** (Denver, CO).

Summary of Key Elements

WSP understands the importance of developing stakeholder-led, ambitious and achievable municipal decarbonization plans. We have completed numerous climate action plans in communities throughout the U.S. We have honed our approach over the years, leading the evolution of the state-of-the practice in developing strategies that set cities on the course to implement impactful, equitable carbon reduction solutions. The approach to the following tasks contained in the RFP incorporates valuable lessons from our extensive national climate planning practice.

► **Task 1: PROJECT MANAGEMENT**

WSP will commence this project by establishing a project management approach that will ensure on-time, in-budget completion of this project. Our project management approach will be designed to efficiently leverage existing city resources and data, with all relevant project information documented and communicated through a Project Management Portal.

► **Task 2: EXISTING CONDITIONS REVIEW & EMISSIONS MODELING**

WSP will first complete a comprehensive review of existing conditions, considering all relevant existing data, policies, and plans to characterize existing strengths, weaknesses, opportunities, and threats of existing City plans, policies and procedures. This review will evaluate any existing gaps in the City's greenhouse gas inventories and existing emissions mitigation initiatives, which will be used to develop greenhouse gas emissions modeling. This modeling will also include sector-specific emissions projections that considers exogenous factors, including growth and the emissions mitigation impact of policies and actions at all scales.

► **Task 3: BRANDING**

Effective communication is essential to ensure buy-in and implementation success of the Net Zero Plan's initiatives. WSP will work with the City to develop a branding strategy that considers all methods of communication to the City's stakeholders.

► **Task 4: MEETINGS AND STAKEHOLDER INPUT**

A principal objective of the Net Zero Plan is to ensure full engagement and input from stakeholders. This objective will be achieved through a series of internal and external stakeholder meetings and workshops. Our stakeholder engagement approach will be designed to effectively communicate the Net Zero Plan's objectives and draft strategies to solicit critical feedback that will guide the Plan's final elements.

► **Task 5: PREPARE DRAFT NET ZERO PLAN**

The Draft Net Zero Plan will be developed in close coordination with City staff, building on information collected through existing conditions analysis and stakeholder engagement tasks. The Plan's reduction strategies will be developed that address all greenhouse gas emissions sources: buildings, transportation, waste and wastewater, and electricity supply.

► **Task 6: PREPARE FINAL NET ZERO PLAN**

Following the development of the Draft Net Zero Plan, WSP will work with the City to synthesize comments and feedback provided by City staff, adjusting specific strategies as needed to ensure the maximum opportunity for successful adoption and implementation of the Final Net Zero Plan.



WSP USA Author Discusses Practical and Relatable Climate Strategies in New Future Ready Book

Alastair MacGregor explores a changing world and offers a roadmap through an uncertain future, in 'Future Ready: Your Organization's Guide to Rethinking Climate, Resilience and Sustainability.'

United States | Wednesday, May 31, 2023
Reading Time: 4:00 minutes

WSP USA helps organizations and communities become Future Ready® by guiding policy and action for greater climate resilience and sustainability, and a newly released book sharply highlights the opportunities and strategies associated with addressing and adapting to the climate crisis.

Co-authored by Alastair MacGregor, national director of Property and Buildings at WSP, this book combines climate resilience strategy and technology with the sweeping impacts that climate change is having on organizations, communities and individuals.



Practical Climate Strategies for Everyone

MacGregor explained that presenting the impactful stories of extreme weather events in the book's first half helps make the complex concepts within climate, resilience and sustainability more relatable to readers.

"By putting it together with real stories in the first half of the book, it becomes less theoretical, because the challenge with all of these topics is to show that it does actually impact each of us," MacGregor said. "I think there will be at least one story within the first half of the book that everyone will find relatable."

The book shares practical examples and case studies that draw on hundreds of completed WSP projects across a full range of client organizations, markets, sectors and scales. According to MacGregor, these all exemplify WSP's proven Future Ready® process and prepare practical strategies for readers to reduce risk, maximize resources and drive return on their investments.

More specifically, the book explores ways that leaders and project managers can effectively confront four megatrends:

- our changing climate,
- shifting societal trends and a growing focus on equity,
- increasing pressure on natural resources and ecosystems, and
- rapid developments in technology.

"When we started having these conversations internally, what became very apparent is that the whole conversation around climate resilience and sustainability was getting very siloed," MacGregor said. "In that sense, we could be driving the situation from different angles and with different client types, but perhaps

TOM LEWIS | MICHAEL MONDSHINE | STACY SWANN

FUTURE READY

YOUR ORGANIZATION'S GUIDE TO RETHINKING CLIMATE, RESILIENCE, AND SUSTAINABILITY



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Rethink Everything

On October 24, 2012, meteorologists at the National Hurricane Center (NHC), a center for the Miami, Florida, national Tropical and Hurricane IB in the southeastern Caribbean Sea. The storm was then just a line of thunderstorms moving across the tropical waters. But it represented a serious potential risk. Hurricanes and other weather-related events kill an annual average of hundreds of people and cause hundreds of billions of dollars in damages in the United States alone.

The NHC, which is tasked with predicting the future risk of these low-pressure systems across the United States, jumped into action. It depended on one of the Air Force's Lockheed Martin Super Hercules aircraft for observation. Despite all the data that streams in from ground-based stations, as well as other land- and space-based weather

10 FUTURE READY

Making Climate Risk Real

In 2022, the United Nations' Intergovernmental Panel on Climate Change (IPCC), the most authoritative source of scientific data on climate change, issued its sixth assessment. Housing Lee, the Chair of the IPCC, described the report as "a dire warning about the consequences of inaction." Antonio Guterres, the United Nations (UN) secretary general, added that the assessment represented "an omen of human suffering and a damning indictment of failed climate leadership."

The only good news was a notable shift in how the report was received. In parts of the private sector, there was an uptick around the issue of climate change that hadn't existed even five years previously. After decades of collective foot dragging—and increasingly specific and stark warnings from the IPCC—what has changed? Why have organizations finally decided to take climate action seriously?

Once again, the primary driver is risk perception. Decades of resistance to raising climate change seriously is rapidly dissolving as more people believe it poses a near-term, personal, material risk. As investors, shareholders, and business leaders rethink the threats—and opportunities—climate change represents, climate action is finally emerging as a mainstream priority.

Climate-related risk is certainly not hard to find—not is it new, but while deadly and destructive climate-linked extreme weather events are now an annual inevitability, most organizations are exactly how many

SECTION 2 Experience and Qualifications



WSP
10000
10000
10000

Sustainable Business Practices

Commitment to Sustainability

Sustainable Business Practices

In April 2021, WSP announced its intention to get ready for less by committing to achieve net zero emissions across its value chain by 2040. We set science-based GHG emissions reduction targets, approved by the Science Based Targets initiative. These commitments are aligned with the most ambitious aim of the Paris Agreement, to limit global temperature rise to 1.5°C.

In addition, WSP has signed the Structural Engineers 2050 Commitment (SE 2050) to net zero. Two of the most commonly used structural materials – concrete and steel – represent approximately 21 percent of global carbon emissions. The objective of the SE 2050 program is to coalesce the support of the collective structural engineering industry to drive significant reductions of embodied carbon in the design and construction of structural systems.

As a signatory, WSP has committed to annually publishing an Embodied Carbon Action Plan (ECAP) and submitting data to the SE 2050 project database to increase understanding of embodied carbon and help set attainable targets for future projects.



Ability to Meet Schedule and Budget

WSP's depth and breadth of resources and our Florida coverage area offers the City stability and availability to handle any size project at any time. Contracts of this type require a highly qualified team that has the capacity to respond quickly; a strong commitment to quality, cost control and schedule maintenance; and clear team coordination and communication plans.

We are confident that this project will be an excellent fit for the WSP team in terms of experience and proficiency, as well as the availability of the personnel who are proposed. The professionals who will be utilized for this project are committed to client service and accustomed to providing the individual time and effort necessary to successfully achieve the objectives of our clients.

Our Project Manager, **Angie Xiong**, and Deputy Project Manager, **Catherine Prince**, will work with the City to ensure that our scope, schedule, and budget are acceptable and achievable. This is done through good communication practices and a variety of software applications that track planning and design phase activities. Internally, our company implements several types of scheduling, financial and data management software to control and forecast budget, resources, and deliverables.

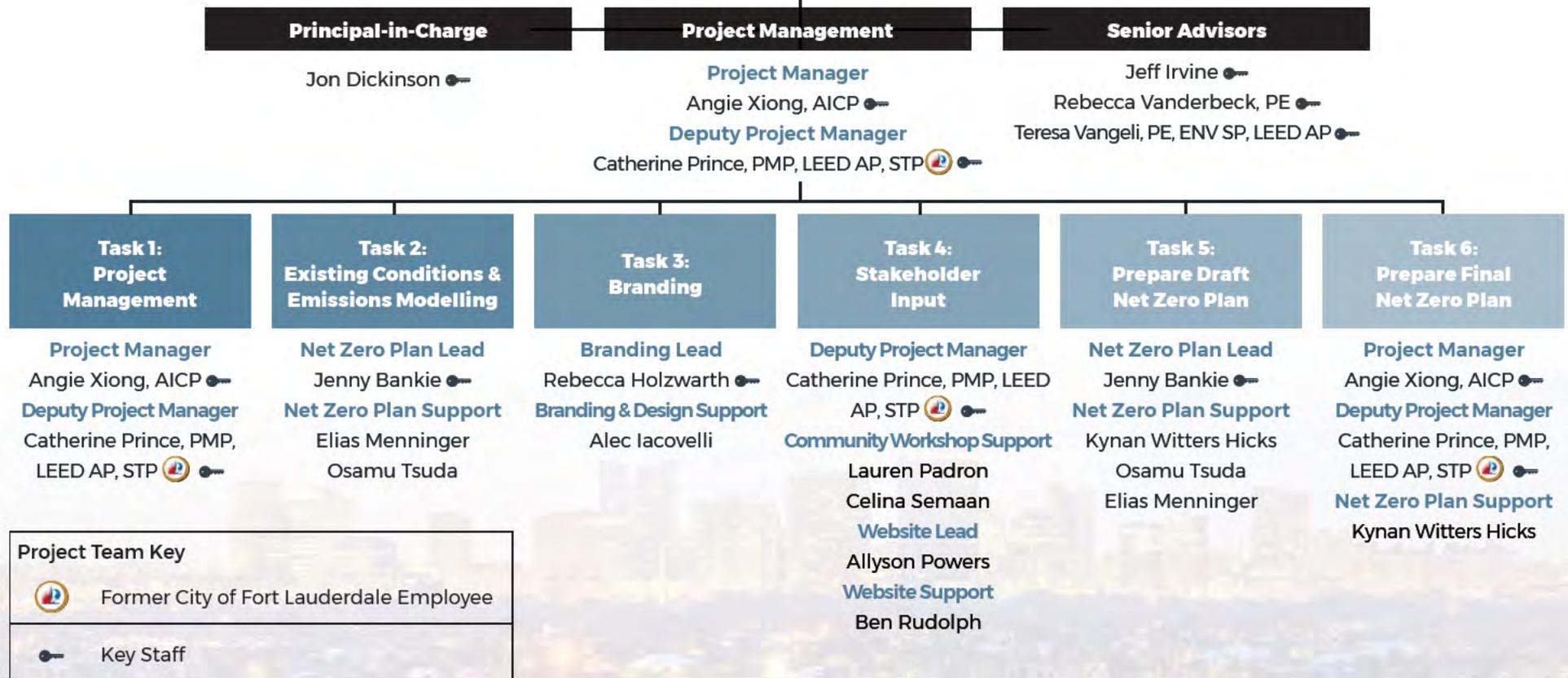
Please see **the following page** for a comprehensive summary of the individuals who have been selected to serve as WSP's project team for the City.



Organizational Chart

Net Zero Plan for the City of Fort Lauderdale

WSP has provided resumes for Key Staff on the following pages. Additional resumes for all staff are available upon request.





Angie Xiong, AICP

Project Manager

Years of Experience

Industry: 12

WSP: 2

Education

MA, Sustainability,
Arizona State
University

BA, English Literature
and Religious Studies,
Wellesley College

Professional Registrations

American Institute
of Certified Planners
(#33398)

Areas of Practice

GHG and Resources
Management;
Net-Zero Targets
and Roadmaps;
Sustainable Cities;
Climate Resiliency
and Adaptation
Planning; Municipal
Climate Action and
Adaptation Planning;
Environmental
Justice; Community
and Stakeholder
Engagement

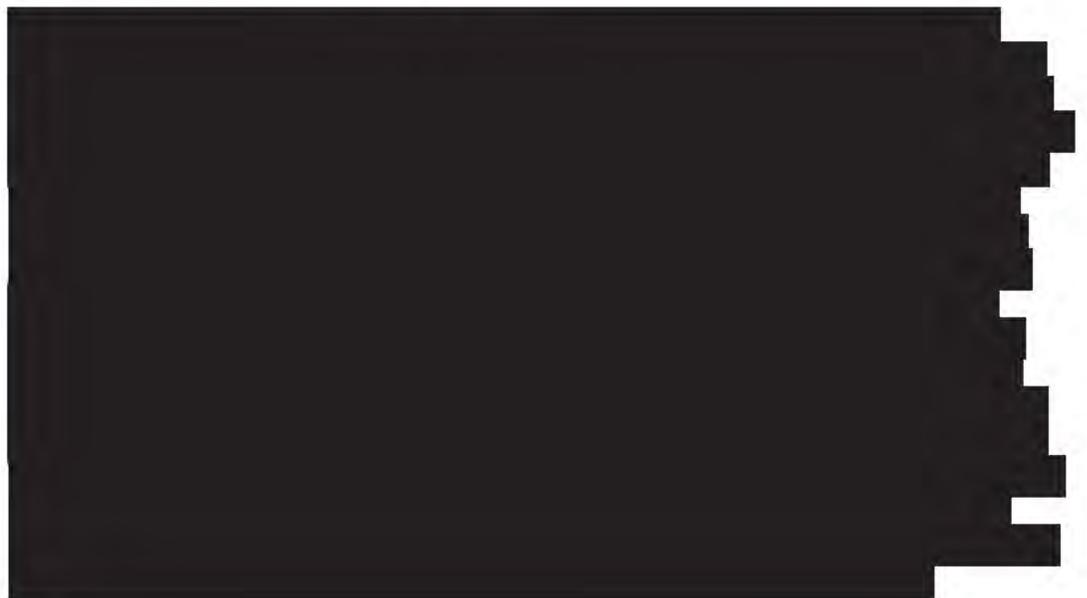
Career Summary

Angie Xiong is a Project Director on WSP's Sustainability, Energy, and Climate Change team. She has over 12 years of experience in the field of climate change and resilience, with a focus on net-zero strategy, stakeholder engagement, and climate vulnerability and adaptation. Most recently, Angie has supported clients on net-zero target-setting in alignment with the Science Based Targets initiative (SBTi) standards, actionable target achievement roadmaps, supplier engagement, disclosure and reporting (e.g., CDP, GRESB), and climate risk.

As a long-time educator and community engagement practitioner, Angie understands the importance of pairing technical analysis with authentic engagement to create actionable strategies that lay the groundwork for implementation. Prior to joining WSP, Angie led over a dozen climate action and adaptation planning projects for jurisdictions and public agencies in California as an AICP-certified planner. This work has enabled her clients to meet and exceed regulatory requirements (e.g., Senate Bill [SB] 32, Assembly Bill 32, SB 379), implement GHG reduction measures and adaptation strategies, and protect communities who are most vulnerable to climate impacts.

Professional Experience

City of New York, PlaNYC – New York City Strategic Climate Plan, New York, New York: Technical analyst and writer supporting the development of the City's update to the 2007 PlaNYC, a strategic plan released by New York City Mayor Michael Bloomberg to prepare the city for one million more residents, strengthen the economy, combat climate change, and enhance the quality of life for all New Yorkers. Angie was a key contributor to the Buildings, Clean Energy, Waste and Circularity, and Transportation sections of the plan, integrating and responding to feedback from over a dozen City agencies.



Angie Xiong, AICP *(continued)*

Project Manager

Professional Experience *(continued)***Professional Experience from prior firm**

Fremont Climate Action Plan Update, City of Fremont, California: Project manager that supported the City of Fremont in updating their communitywide and municipal Climate Action Plan (CAP) to achieve the ambitious goals of a 55 percent reduction in GHG emissions from 2005 levels by 2030 and carbon neutrality by 2045. The CAP is aligned with the City's Post-Carbon Framework, integrates climate resilience strategies, and was developed with an equity lens. As the project manager, Angie provided overall project management support, senior review of the GHG quantification analysis, and served as the technical lead on the climate change vulnerability assessment. She also led public outreach efforts associated with the CAP.

Yolo County Sustainability Plan, Yolo County, California: Deputy project manager that assisted the County in developing a Sustainability Plan to promote sustainability within eight key elements: ecological health, water, air quality, buildings, waste, local food, agriculture, and education. Angie led public outreach for the Sustainability Plan, which included stakeholder interviews and community workshops; prepared the existing conditions assessment; developed recommendations; and was the primary author of the Sustainability Plan.

Yolo County Regional Greenhouse Gas Inventory and Tool, Yolo County, California: Deputy project manager that developed a regional GHG inventory for the County and the Cities of Davis, Winters, and Woodland to promote consistency between the jurisdictions on the collection, timing, and methodology of GHG emissions data. The GHG inventory tool allows the County and cities to calculate their inventory in-house in the future. Angie also prepared 2016 baseline year inventories for the three cities, in accordance with ICLEI's U.S. Community Protocol for Accounting and Reporting of Greenhouse Gas Emissions.

Sacramento County Climate Action Plan Update, Sacramento County, California: Adaptation task lead that supported the County's Climate Action Plan (CAP) update, which included a detailed implementation plan, climate change vulnerability assessment, and adaptation and resiliency measures. Angie refined the climate change vulnerability assessment and adaptation measures based on updated climate projection data and methodologies. She also prepared the administrative draft CAP and incorporated information from technical memorandums.



Catherine Prince, PMP, LEED AP, STP

Deputy Project Manager

Years of Experience

18

Education

MBA, Boston University

M. Arch, University of Miami

B. Arch, Center for Environmental Planning and Technology University

Certifications

Project Management Professional

Greenroads Sustainable Transportation Professional

Leadership in Energy and Environmental Design Accredited Professional

Board Leadership

Resiliency Florida. 2022-ongoing

Sustainable Transportation Board (Greenroads). 2019-2022

Career Summary

Catherine assists agencies enhance the quality of life of the current and future generations with people-centered solutions by equitably engaging with stakeholders, leveraging technology to achieve elevated climate resilience, sustainability solutions. Her project management experience extends from complete street engineering design, construction, and developing supporting policies and ordinances. She is a trained Greenroads sustainable transportation professional, served Sustainable Transportation Board, and helped develop the Greenroads Rating version-3, an international road infrastructure sustainability benchmark.

In her previous role as a planner at Miami-Dade County, she drafted ordinance updates that allowed solar panels installation, increased access to healthy foods through urban gardens, farmers market. Also, she worked with the Office of Sustainability to study the feasibility of implementing a neighborhood green rating system in Miami-Dade County.

Professional Experience

Department of Transportation, South Dade Maintenance Facility, Miami-Dade County, Florida: As technical lead, Catherine is leading the future climate-resilient engineering design considerations, working with the projects' mechanical, electrical, structural, and civil leads. The recommendations will be incorporated into the 100% design and integrated into the construction RFP. Also, she is assisting with Envision credits, an infrastructure sustainability rating system.

Broward Metropolitan Planning Organization (BMPO), Resilient Corridor Facility-level Climate Vulnerability Assessment, Hollywood Boulevard, Florida: Project manager leading the pilot project using BMPO's Resilient Infrastructure Project Development Framework. The project objective is to develop a cost-feasible preferred conceptual design with implementation plan cost estimates.

Tribal Reservation, Rosebud Sioux Climate Vulnerability Analysis, South Dakota: Serving as the project manager leading the area's climate assessment, Catherine led the stakeholder engagement for the project. She oversees the data modeling tasks to estimate future climate conditions. Identify critical transportation facilities using a risk-based approach to identify failure thresholds, impact to the tribe's mobility.

Washington Metropolitan Area Transit Authority (METRO), Transit Agency Resiliency Framework, Washington, D.C.: Assisting with the development of a Resiliency Program as technical advisor to facilitate implementation of Resiliency within METRO's future operations, maintenance, and capital programs

Palm Beach County, Okeechobee Corridor Transit Feasibility Analysis, Florida: Project manager that led the effort to identify the most appropriate and feasible transit along the Okeechobee Corridor alternatives analysis.

NW 27th Avenue Project Development & Environment (PD&E) Study, Miami, Florida: Deputy project manager responsible for the Preliminary Engineering Report (PER), and overseeing the Environmental Assessment (EA).



Jon Dickinson

Principal-in-Charge

Career Summary

Jon Dickinson is a Vice President on WSP's Sustainability, Energy and Climate Change team, with experience in climate change mitigation and adaptation planning, greenhouse gas emissions measurement and reporting, and comprehensive sustainability plan development and implementation. Over the two decades, he has supported climate change mitigation and adaptation initiatives for New York City, completed community-scale and government operations greenhouse gas inventories for numerous U.S. cities, developed corporate carbon management strategies, and provided technical support for the development of city climate change mitigation plans. Additionally, Jon is a Lecturer at Columbia University's Master of Science in Sustainability Management program, where he teaches a graduate course on greenhouse gas measurement and mitigation strategy development.

Professional Experience

PlaNYC, 2023 Climate Action Plan "Getting Sustainability Done", Greater New York, NY: Subject matter expert for update to New York City's comprehensive sustainability plan. Provided expert advice and analysis on carbon mitigation strategies supporting New York City's decarbonization goals.



Sidewalk Labs, Sustainability Pillar of Master Innovation and Development Plan, Toronto, Canada: Project manager for assessment of greenhouse gas emissions implications for new and developing technology usage at city level. Analyzed feasibility of public greenhouse gas emissions commitments from a suite of interdependent technologies managing electricity generation, building energy use, water, waste, and transportation.

California High Speed Rail Authority, Sustainability Policy and Strategy: Subject matter expert providing guidance for updated Authority sustainability policy and strategy. Provided audit of Authority's 2019 Sustainability Report to determine consistency and accuracy, guided revision of Emissions Mitigation and Management Application (EMMA) submission procedures.

Port Authority of New York and New Jersey, Sustainability Strategy Development: Project manager for assessment of organization-wide sustainability strategy and goals; development of recommended Science Based Targets initiative scope 3 greenhouse gas reduction targets. Project required benchmarking of global best practices, development of strategy recommendations and implementation guidance, providing ongoing support for development and implementation of sustainability initiatives across organization.

Years of Experience

Industry: 21

WSP: 5

Education

MS, Marine Affairs and Coastal Zone Management, University of Rhode Island

BA, English, Hobart College

Areas of Practice

Climate change mitigation, adaptation planning, greenhouse gas (GHG) emission measurement/reporting and comprehensive sustainability plan development and implementation

Additional Training

GBCI-certified Urban Greenhouse Gas Inventory Specialist

Jon Dickinson *(continued)*

Principal-in-Charge

Professional Experience *(continued)*

C40 Cities Climate Leadership Group Climate Adaptation and Mitigation Interaction Assessment Tool: Project manager for project to develop tool to assess complementary and conflicting interactions between current and proposed climate adaptation and mitigation initiatives in cities. Project involved interviews of and tool testing by four pilot cities: New York, Rio de Janeiro, Durban, and Melbourne and includes 60 case studies.

City of New York, Greenhouse Gas Emissions Inventories, New York, NY: Senior policy advisor and consultant, directly responsible for completing all phases of New York City's annual community-scale (buildings, transportation, waste) and government operations (buildings, vehicle fleet, solid waste management, wastewater treatment) greenhouse gas emissions inventories from 2007-2013, 2015-2016, provided technical assistance supporting completion of 2017 and 2018 greenhouse gas inventories.

City of New York, 80x50 Action Plan: Consultant to New York City Mayor's Office of Sustainability, provided advisory services to the City of New York's 80x50 Action Plan development, managing the integration of greenhouse gas mitigation strategies across buildings, power, transportation, and waste sectors. Developed a decision support tool to allow the client to visualize and communicate the long-term greenhouse gas mitigation potential realized through combinations of strategy choices made across all sectors.

C40 Cities Climate Leadership Group, Technical Assistance: Consultant to C40 Cities Climate Leadership Group, provided technical support and training to 12 North American C40 cities in updating their community greenhouse gas emissions inventories to meet Global Protocol for Community-Scale Greenhouse Gas Emission Inventories (GPC) standards; developed calculation tools for C40's City Inventory Reporting and Information System (CIRIS), used internationally by cities reporting to the Global Covenant of Mayors for Climate & Energy.

World Bank Group, City Climate Planner Certificate Program: Consultant to World Bank Group and subject matter expert, developed training curriculum for city-level greenhouse gas emissions inventory expert certificate program; delivered training to 20 cities from World Bank client countries and staff from UN-Habitat, ICLEI-Local Governments for Sustainability, C40 Cities Climate Leadership Group, and CDP Cities; provided advisory services in development of certificate examination.

PlaNYC, New York City's Plan for a Greener Greater Greater New York, New York: Senior policy advisor, member of team responsible for developing and implementing New York City's comprehensive long-term sustainability plan, PlaNYC. Developed climate change initiatives of PlaNYC. Advised top administration officials on all climate change policy issues. Provided oversight and coordination of City government's carbon mitigation efforts involving energy efficiency and carbon mitigation projects for all government buildings, vehicles, and facilities.



Jeff Irvine

Senior Advisor

Career Summary

Jeff Irvine is a Senior Project Director on WSP's Climate, Sustainability and Resilience (CRS) team and a GBCI-certified Urban Greenhouse Gas Inventory Specialist. He brings 16 years of professional experience implementing policy and program management solutions with expertise in municipal sustainability programs, environmental justice and equity, renewable energy, energy efficiency, and greenhouse gas (GHG) management. Jeff has extensive experience supporting city sustainability programs, including climate action plan development, environmental justice and equity integration, CDP Cities reporting, greenhouse gas inventory development, climate hazard and vulnerability assessment, and clean energy program implementation. Jeff also leads the CRS goal- and target-setting practice area, and he has directed the development of multiple SBTi-approved science-based targets and net-zero targets for Fortune 100 corporate clients.

Jeff recently led the development of an equity- and justice-focused climate action plans for the City of Chicago, IL, and Bethlehem, PA, a city of 75,000. His other recent project work includes support for the creation of the Sustainability Pillar of the Master Innovation and Development Plan for Sidewalk Toronto, a joint effort by Sidewalk Labs and Waterfront Toronto, and the technical development of a tool to support cities in evaluating interactions between climate adaptation and mitigation strategies for C40 Cities Climate Leadership Group.

Professional Experience

GHG AND RESOURCES MANAGEMENT

City of Chicago, Climate Action Plan, Chicago, IL: Senior project director that provided expert advisory support and technical analysis for the City of Chicago's Climate Action Plan. Led modeling and analysis of strategies and actions for inclusion in the CAP. Advised and facilitated extensive community engagement workshops in plan development. The resulting plan is anchored in values of economic inclusion and savings, pollution burden reduction, and equitable access to critical infrastructure and community health and resilience. The CAP prioritizes delivering meaningful community benefits and system improvements.

City of Bethlehem, Climate Action Plan, Bethlehem, PA: Project director that led development of the city's Climate Action Plan, including GPC community-wide and municipal operations GHG inventory review and update, science-based target setting, climate hazard and vulnerability assessment, mitigation and adaptation strategy development, plan drafting, and public and stakeholder engagement. Managed engagement campaign that coordinated more than 60 stakeholder organization representatives and eight working groups, as well as gathering input from hundreds of residents and businesses. Established environmental justice and equity steering committee that conducted COVID-safe community interviews and integrated the principles of justice and equity throughout the plan.

City of Bethlehem, PA, Climate Action Plan Implementation, Bethlehem, PA:

Led subject-matter support and assistance to the City of Bethlehem in the implementation of the city's Climate Action Plan. Provide guidance to prioritize

Years of Experience

Industry: 16

WSP: 6

Education

M.P.A., Environmental Science and Policy, School of International and Public Affairs, Columbia University, New York, New York 2013

B.S., Television, Radio and Film, summa cum laude, S.I. Newhouse School of Communications, Syracuse University, Syracuse, New York 2006

Training and Certifications

GBCI-certified Urban Greenhouse Gas Inventory Specialist 2019

Data Science Specialization, Johns Hopkins University (online) 2017

BPI Energy Auditor Level I / Building Analyst, Association for Energy Affordability, Inc. 2011

Areas of Practice

GHG and Resources Management; Sustainability Strategy; Renewable Energy; Climate Preparedness; Environmental Justice

Jeff Irvine *(continued)*

Senior Advisor

Professional Experience *(continued)*

initiatives, develop timelines and action items, assigns responsibilities, and implement strategies. Participate in city working groups to deploy strategies.

Sidewalk Labs, Sustainability Pillar of Master Innovation and Development Plan: Assessed city-level GHG implications for new and developing technology usage in support of setting Sidewalk Toronto's goal for climate positivity. Analyzed feasibility of public GHG commitments from a suite of interdependent technologies, including data-driven energy management, recovery and reuse of waste energy, onsite renewable energy, active waste and water management, and transportation management strategies.

Infrastructure and Development Company, GHG Impact Assessment Tool: Developed online tool to assess the per-capita GHG reductions of innovative sustainability strategies for new developments relative to citywide baselines. The tool allows users to adjust strategy inputs and assess impact across emission associated with building energy, transportation and mobility, waste, and water.

City of New York, Greenhouse Gas Emissions Factor Update, New York: Supported data gathering and analysis to update city-specific factors used to update New York City's 2018 community-scale and government operations greenhouse gas emissions inventories.

City of Easton, PA, Community GHG Inventory, Easton, PA: Compiled community-wide GHG inventory using CIRIS tool following the Global Protocol for Community-Scale Greenhouse Gas Emission Inventories. Supported data acquisition process, performed data quality assurance check, and supported client's submission to CDP Cities and compliance with the Global Covenant of Mayors.

RENEWABLE ENERGY

Large American City, 100% Renewable Electricity Plan: Supported development of plan to transition to 100% community-wide renewable electricity by 2035 through strategies such as municipal power purchase agreements, municipal aggregation, utility franchise agreement negotiation. Advising on community engagement approach to support principles of justice and equity.

Fortune 50 Technology Company, Environmental Justice PPA: Project manager that led effort to develop renewable electricity projects in Africa market that support local environmental justice and equity goals. Designed a model that will create a revolving fund from PPA savings to support local community projects.

CLIMATE RISK AND PREPAREDNESS

City of Bethlehem, Municipal Climate Vulnerability Assessment and Climate Adaptation Plan, Bethlehem, PA: Project manager that led climate hazard and vulnerability assessment, and development of climate adaptation strategies as part of the Climate Action Plan for the City of Bethlehem, PA. Coordinated assessment of daily temperature and precipitation projections using two future warming scenarios and statistically downscaled climate data.

C40, Cities Climate Leadership Group, Adaptation and Mitigation Strategy Analysis Tool: Led technical development of a tool to support cities in evaluating interactions between climate adaptation and mitigation strategies. Led review of literature on interaction classifications, including synergies, trade-offs, mal-investment risks, and financial piggybacking. Led design of tool and Excel VBA programming of tool functionality. Developed framework for quantitative analysis of individual adaptation and mitigation strategies.



Rebecca Vanderbeck, PE

Senior Advisor

Years of Experience

Industry: 22

WSP: 7

Education

B.S., Environmental Engineering,
University of Central Florida, 2001

Professional Registrations

Professional Engineer,
Florida No. 64804

Training and Certifications

Professional Engineer,
Florida No. 64804

40-hour HAZWOPER

Institute for Sustainable Infrastructure
Envision Sustainability Professional

Areas of Practice

Resiliency and sustainability planning

Climate change risk assessment

GHG Inventory development and verification

Professional Summary

Career Summary

Rebecca Vanderbeck has 20 years of experience in environmental engineering, including management of utilities and infrastructure improvement projects, stormwater control and site civil design, resiliency planning, site investigations and soil characterization, environmental compliance and permitting, and other aspects of environmental engineering design. In addition to her experience in consulting, Ms. Vanderbeck has served as Environmental Programs Engineer for Midwest Airlines and Assistant City Engineer for the City of Clermont. Through her experience, Ms. Vanderbeck has also been involved in identification of climate change risks and opportunities and the development of greenhouse gas emissions inventories. She has worked with clients developing sustainability programs and engaged with stakeholders on both municipal and private projects. Ms. Vanderbeck is currently serving as the project manager on the McCoys Creek Restoration project for the City of Jacksonville, Florida.

Professional Experience

Groundwork Jacksonville, McCoys Creek Restoration Plan, City of Jacksonville, FL:

Project Manager and Client Liason for this urban stream restoration. This project is a large, complex high visibility project in downtown Jacksonville. Rebecca has led this project through completed conceptual designs and into engineering design up to construction plans and specifications for competitive bidding with constrained budgets, community and stakeholder engagement, grant opportunities and obligations and expedited schedules.

Monroe County, Harry Harris Park Vulnerability Analysis and Adaptation Plan, Monroe County, FL:

Resiliency Lead that led the development of adaptation strategies for a coastal park in the Florida Keys. Recommendations were made for the near term (five years or less) and longer-term (more than 5 years) strategies based on a review of expected impacts from sea level rise and storm surge at the park. Additional amenities, which complement the adaptation strategies, were also presented as opportunities to enhance the use and enjoyment of the more resilient Park..

City of Fernandina Beach, Downtown Waterfront Resiliency Master Plan, City of Fernandina Beach, FL:

Working with the City to develop a resilience plan that will enable Fernandina Beach to efficiently and effectively plan future infrastructure investments to ensure the preservation and protection of their historic coastal downtown area from the effects of rising sea levels. The Plan was comprised of data, analysis, and recommendations to enable Fernandina Beach to systematically understand and prepare for the impacts of existing and future downtown flooding which results from high-tide events, storm surge, flash floods and sea level rise combined with stormwater runoff and subsidence hazards. Also, worked with the City on the development of a project resiliency scorecard for use in prioritizing and evaluating capital improvement projects.

City of St. Augustine, Resilience Planning and Implementation, St. Augustine, FL:

Project Manager working with the City to develop a resilience plan that will allow the City to embed resilience into critical infrastructure within the City, proactively

Rebecca Vanderbeck *(continued)*

Senior Advisor

Professional Experience *(continued)*

address shocks and stresses that can impact the City, and drive implementation of projects that can have the greatest impact across the social, economic, and environmental areas for the citizens of St. Augustine. Also, working with the City on the development of a project resiliency scorecard for use in prioritizing and evaluating capital improvement projects.

St. Johns County, San Julian Wetlands Study, Permitting and Design, St. Johns County, FL: Project Manager providing drainage analysis/modeling, wetland assessment, design, ROW/easement land rights acquisition identification, and permitting services for drainage improvement projects identified in the 2019 Butler Beach Regional Drainage Study for this area. Our scope also includes coordinating public outreach and engagement and identifying potential grant funding opportunities for the projects.

St. Johns County, S. Collins Avenue, St. Johns County, FL: Project Manager leading the proposed drainage solutions to on-going citizen complaints regarding poor drainage and flooding of the South Collins Avenue and Lawrence Avenue neighborhood, south of State Road 16 in St. Augustine, FL 32084. County staff has identified some proposed solutions grouped for these project areas. WSP's scope of services includes drainage analysis/modeling, design, and permitting support for these proposed drainage solution projects.

St. Johns County, A Street Drainage, St. Johns County, FL: Project Manager leading the proposed solutions to nuisance flooding along A Street that is a safety concern for pedestrians and regular traffic in the area. This project analyzed several potential drainage improvement projects to alleviate the nuisance flooding along A Street east of A1A Beach Boulevard in St. Augustine Beach. The proposed solutions also considered if a sidewalk would be feasible as part of the design.

St. Johns County, Lee Road, St. Johns County, FL: Project Manager leading the two part solution to existing drainage infrastructure in the Lee Road area consists of roadside ditches, culverts under driveways, and a couple of existing cross drains. There have been reports by residents on Lee Road of a ditch overflowing and not clearing after storm events. Similar issues have also been reported and observed along other streets in the area. WSP is evaluating potential solutions to improve drainage along Lee Road and the surrounding areas. We will consider a two-part solution to include a Phase 1 solution for the local area along Lee Road and a Phase 2 solution for the surrounding area.

St. Johns County, HUD Environmental Assessment for Hastings Sewer Projects Phase I, II & III, St. Johns County, FL: Project Manager that performed a HUD Environmental Assessment consistent with 24 CFR Part 58 regulations for multiple phases of Hastings Sewer Projects funded under the CDBG-DR program. Project activities have been evaluated to determine which phases are eligible for §58.35(a) Categorical Exclusion from National Environmental Policy Act (NEPA) and which phases will require an Environmental Assessment. WSP performed a desktop review of the project area and the proposed action to determine compliance, including review of environmental records and databases published by federal, state and local agencies, a review of history of the site, and readily available Geographic Information System (GIS) shapefiles, as well as a cursory field inspection to ground-truth the findings of the desktop survey.

Professional Experience at another firm

Illinois Association of Wastewater Agencies, Study on the Impact of Advanced Wastewater Treatment on Carbon Footprint, Illinois: Developed a working definition of carbon footprint for wastewater, identified all sources of potential GHG emissions associated with the waste treatment process, determined the emissions that would be affected by a conversion to advanced treatment, and calculated the incremental GHG emissions resulting from a conversion to advanced treatment. Results from this study were presented at the annual meetings of the Central States Water Environment Association and Indiana Water Environment Association.



Teresa Vangeli, PE, ENV SP, LEED AP

Senior Advisor

Years of Experience

Industry: 33

WSP: 33

Education

BS, Architectural Engineering (Structural Engineering Discipline), University of Kansas, 1988

Professional Registrations

Professional Engineer, Massachusetts (40182), 1997

Professional Engineer, Connecticut (26329), 2008

Envision Sustainability Professional Credential, ENV-SP, 2014

LEED® Accredited Professional BD+C, 2004

Areas of Practice

Sustainable project design, structural engineering, resiliency, transportation, design-build

Career Summary

Teresa Vangeli has successfully led projects of all types to achieve their sustainability and resiliency goals using Envision, LEED and client guidelines. Teresa offers more than 30 years of varied sustainable services, resiliency, structural engineering design and management experience. In addition to managing sustainable project design and certification, Teresa provides sustainable guidance on projects throughout WSP, including lunch & learns, peer reviews and virtual presentations on Envision. Teresa has presented a continuing education unit on the Envision ISI website and at ASCE conferences. She is accredited, understands and is familiar with USGBC LEED BD+C, Parksmart, Institute for Sustainable Infrastructure Envision as well as several client guidelines. Teresa is active on the sustainability committees for BSCES and ASCE's Structural Engineering Institute. She is familiar with the International Building Code. She has wide experience covering various types of projects that include transit facilities, parking structures, airport facilities, heavy industrial building, railroad facilities, buildings, highway and railroad bridges, public ways, air-rights and tunnels. Teresa has worked on design/build projects, preliminary designs and studies, final design, design reviews, construction phase services, inspections and bridge ratings.

Professional Experience

City of Boston, Heat Resilience Strategies, Boston, MA: Project manager and resilience lead for infrastructure resilience, sustainable cost benefit analysis and cost estimating. Project required coordination with major public stakeholders including the Massachusetts Bay Transportation Authority, City of Boston, and the Massachusetts Port Authority in East Boston. The study focused on four areas: street scape, parks and residential (multi- and single family). Costs and benefits of heat resilience strategies include project capital, operations, and maintenance costs; potential avoided business interruptions; public health benefits; impacts to property values; and other social, economic, and environmental costs and benefits. The analysis is compared to a “do nothing” scenario. The City of Boston launched the Heat Resilience website on April 22, 2022.

Rowes Wharf Project, Boston, MA: Project Manager. WSP is supporting the resiliency design of Rowes Wharf buildings, public Harborwalk, piers and facilities. The work for Rowes Wharf has includes resiliency peer review of other vendors, periodic technical review, resilience planning services, communications support, Storm Analysis using Flow 3D-CFD analysis, asset assessment and vulnerability analysis, emergency preparedness.

MTA Penn Station Access, New York City, New York: Owner's Representative for Sustainability and Resiliency. The design-build project is for the Metro-North Railroad. The work involves overview of the the design-build team for all sustainability and resiliency work.

LaGuardia Airport Terminal B Redevelopment Program, Queens, New York: Lead sustainability coordinator for infrastructure improvements, including roads and bridges, demolition, utilities, airside apron, landscaping and parking garage. The infrastructure work uses the extensive Owner's Sustainability Infrastructure Guidelines. The West Parking Garage and Building 30 design and construction use the Owner's Sustainability Building Guidelines based on LEED.

Teresa Vangeli, PE, ENV SP, LEED AP *(continued)*

Senior Advisor

Professional Experience *(continued)***Massachusetts Bay Transportation Authority, Quincy Bus Maintenance Facility, Quincy, MA:**

Sustainability/ Resiliency Lead. This project is the final design of a bus maintenance facility transit buses. The facility is required to be Envision and LEED certified. The project is pursuing Envision Gold and LEED Gold. The facility is designed to support diesel-hybrid buses but will provide capacity for future conversion to a battery electric bus (BEB) fleet. The owner is the Massachusetts Bay Transportation Authority. The project is pursuing Gold for both Envision and LEED. For certification, all aspects of the project location, community, site, facility, construction and operations must be considered.

Massachusetts Bay Transportation Authority, South-Side Maintenance Facility, Readville, MA:

Sustainability/Resiliency Lead. This project is at the 15% phase. It is a rail maintenance facility and layout yard. The facility is required to meet Envision, LEED and the Massachusetts EO594 requirements. The facility has a strong resiliency component due to proximity to the Neponset River. Teresa supports the owner in developing strategies to meet the resiliency requirements.



Jenny Bankie

Net Zero Plan Lead

Career Summary

Jennifer L. (Jenny) Bankie is a Senior Consultant on WSP's Sustainability, Energy and Climate Change team. With an educational background in environmental studies and management, Jenny supports clients by providing project management, strategic and analytical support. She leads the development of greenhouse gas inventories, contributes to science-based target setting, strategic planning, supply chain engagement, embodied carbon analysis and reduction strategy, circularity for construction and demolition waste, and environmental, social, and governance reporting such as the Global Real Estate Sustainability Benchmark. Jenny has experience in greenhouse gas accounting and verification; GREET lifecycle analysis (LCA) modeling; and environmental compliance. She supports clients in the financial services, information technology, luxury goods manufacturing, pharmaceuticals, real estate, consumer products, defense and aerospace, and public utility sectors.

Professional Experience

2022 Science-based Target Setting Support, New York, New York: Technical support in developing a science-based targets emissions reduction roadmap, near-term and net zero target submittals to SBTi. Attended a series of meetings with key stakeholders across divisions and company executives to understand expected growth, business plans, implemented and potential emissions reduction levers. Helped quantify projected business as usual growth and potential emissions reductions for key levers. Researched and assessed costs and timelines of reduction levers, feasibility and challenges of implementation, and helped narrow the list of reduction strategies and levers. Developed multiple slide decks and communicated with client's sustainability team regarding SBTi target requirements. Led drafting of SBTi near-term and net zero target submittal forms and supporting documentation.

Chemicals Manufacturing Company, 2021 & 2022 Limited Assurance Support, Nationwide: Project manager and technical lead, validate companywide greenhouse gas emission, energy, renewable energy, water, health and safety, diversity, equity and inclusion metrics. Jenny is the project manager for FY22 and was the technical lead in FY21. She attends management review call meetings and virtual site visits, developed a log of issues to fill data gaps and inconsistencies, compared data to previous years to determine and review notable annual changes, and coordinated with the team to gather incomplete and missing data. WSP is providing annual limited assurance support of ESG metrics for a leading chemicals manufacturing company.

Aerospace & Defense Company, FY21 & FY22 Greenhouse Gas Support, Nationwide: Technical lead, validated emissions, energy, water usage and waste reported for two of the company's business units-- one based in North America and one in Europe. Jenny coordinated with key company stakeholders to gather incomplete and missing data, developed a log of issues to fill data gaps and inconsistencies, compared data to previous years to determine and review notable annual changes. WSP is providing greenhouse gas support to a leading aerospace and defense company.

Years of Experience

Industry: 10

WSP: 2

Education

MS, Environmental Science and Management, University of California- Santa Barbara

BA, Environmental Studies, University of Colorado-Boulder

Certifications

Lead Verifier, Mandatory Reporting of Greenhouse Gas Emissions Program, California Air Resources Board

Lead Verifier, Low Carbon Fuel Standard Program,

California Air Resources Board

Areas of Practice

GHG Inventories, Science-based Target Setting, Strategic Planning, Embodied Carbon, Materials Circularity, GRESB Reporting, ESG Due Diligence, GREET

Jenny Bankie *(continued)*

Net Zero Plan Lead

Professional Experience *(continued)*

Embodied Carbon FY21, Global: Technical support for embodied carbon analysis of the client's standard data center design in the Embodied Carbon for Construction Calculator (EC3) tool, used the Revit building design and Revit materials quantity exports to perform embodied carbon analysis, assisted in project management and strategy development, assisted in estimating emissions reductions from alternative materials, developed slides and bi-monthly newsletters on the sustainability program for the client's internal team. WSP is responsible for providing environmental assessment services to the client.

2021-2023 Sustainability Support, New York, New York: Responsible for performing ongoing sustainability performance management and sustainability reporting technical support. Jenny coordinated with the client's internal sustainability team on a supply chain emissions reduction strategy and vendor engagement; evaluated vendor sustainability surveys and provided feedback for improvement; reviewed energy usage scenarios of the company's flagship store; and assisted in considering renewable energy credit procurement options. WSP is providing sustainability assessment services to a global luxury goods retailer.

2021-2023 GHG Inventory Management, New York, New York: Technical lead in preparing annual scope 3 greenhouse gas emissions inventory. Jenny communicates with the client's sustainability team to identify applicable assets and emissions sources, updates methodological assumptions and emission factors, collects and analyzes relevant data, and prepares a summary workbook, slide deck and report. She developed and incorporated work-from-home emissions calculations in 2020. In addition, she coordinates the scope 3 inventory with the client's concurrent scope 1 and 2 inventories. Jenny also provides support for the company's third-party verification of Scope 3 categories and provides support in reporting metrics to the luxury goods retailer's parent company. WSP has been engaged by the client to provide inventory management services.



Rebecca Holzwarth

Branding Lead

Years of Experience

Industry: 28

WSP: 5

Education

Visual Communication,
Illinois Institute of Art

Accounting,
DePaul University -
Accounting

Professional Certifications

Adobe Certified Professional in Graphic Design and Illustration, Adobe Illustrator

Areas of Practice

Visual Communications, Marketing Materials, Signage, Client Interview Prep, Print Materials, Proposals, Reports, Storyboarding, Branding, Logo Design, Infographics, 508 Compliance

Career Summary

Rebecca Holzwarth is a senior-level Graphic Designer/Proposal Specialist with 28 years' experience, 17 of which have been in the A/E/C industry. She specializes in corporate identity, sign manufacturing/production, branding and designing presentation material for print, multimedia projects and electronic material. She brings a fresh look to each project with high emphasis on accuracy and thoroughness of work. Rebecca has excellent people skills, a strong work ethic and strives to exceed client's expectations.

Rebecca interfaces regularly with clients, vendors, and subcontractors, and acts as a resource for graphic design methods and tools. She actively promotes firm wide branding standards and takes full responsibility for the quality of work under her direction. She designs and presents several high-quality graphics options to project managers as needed.

Professional Experience

AASHTO, CEO Peer Exchange Report: Lead Designer for this project, whose responsibilities included Branding concept of report, development of cover and back design, document design, dividers, and management of report layout and production. The report was given to all current and incoming DOT CEOs, used as a guide of becoming a successful CEO. The report was designed to be printed as a full booklet, or standalone factsheets.

Oregon Department of Transportation (ODOT), Open Tolling Back Office Systems Report, Oregon: Responsibilities included overall branding concept, cover and back design, document design and management, and converted content into a series of infographics. This report was used by ODOT to summarize the various tolling scenarios for the state of Oregon.

Illinois Department of Transportation, Illinois Marine Transportation System Plan (IMTS), Illinois: Lead design and art direction for the 200 page, high-visibility IMTS Plan outlining the Illinois waterway system, facilities and statewide economic impact of ports. Developed branding and print materials for the IMTS Plan which included custom logo design, color scheme, postcard, report layout, presentation template and presentation boards, UI online form design, stakeholder report updates, video support/direction, social media ads, and final design and content and graphic layout for final report. Coordinated print production for both reports.

Maryland Department of Transportation, 2020 Comprehensive Transportation Plan Brochure, Maryland: Development of overall design look and feel of report which includes cover, layout design, various infographic development, and document management.

Virginia Department of Transportation (VDOT), 2019 Maintenance and Operations Comprehensive Review Report, Virginia: Developed overall report template design which included cover, dividers, table of contents, and Executive Summary including 5-Chapters. Supported the team with file management updates and creation of various figures for this 100+ page report.

Experience of the Firm

WSP's Climate, Resilience and Sustainability (CRS) National Business Practice

Climate change is a defining challenge of our time, from increasing temperatures and shifting precipitation patterns to rising sea levels, more frequent/severe weather events and natural disasters. Climate change exposes and exacerbates vulnerabilities and complicates the already-difficult task of steering an organization into the future. We strive to be the most influential CRS services consultant in the business. We seek to effectively collaborate with our clients on flood planning, mitigation and coastal protection projects while investing in new climate finance and investment capabilities. We partner with innovative, emerging CRS-related technology to provide our clients with the best viable solutions.

Our People

Our team is up-to-date on the latest trends and challenges related to the environment. They possess the expertise necessary to assist clients across the entire process of net zero plan development, including existing conditions analysis; emissions modeling; stakeholder engagement; mitigation strategy analysis; and plan drafting and communications. We have assembled a locally staffed and multidisciplinary team of highly qualified professionals that can deliver the Net Zero Plan efficiently and responsively without sacrificing quality. We are fully committed to the City's success.

Future Ready®

WSP works with organizations and communities to help them become Future Ready. We develop strategies to mitigate emissions and enhance sustainability, identify potential risks and opportunities to become more resilient. We implement equitable adaptation solutions that prioritize community and stakeholder engagement and environmental justice. We understand the connectivity in and among natural and manufactured ecosystems.



Past Projects of Similar Size and Scope

WSP's experts locally and nationally use innovative technology and design solutions to make the complex problem of reducing emissions into an achievable strategy. Our team has worked closely with municipalities across the United States to successfully deliver projects similar in size and scope. These projects include climate and transition plans and studies that identify ways to achieve the net-zero greenhouse gas (GHG) emissions goals. Our team has worked with clients to address GHG emissions from government operations and from cities as a whole. Our projects identify GHG reduction strategies and provide recommended actions aligned with our client's needs, values, and resources.

On the following pages, our team has highlighted several projects similar to the Net Zero Plan for the City of Fort Lauderdale.

Climate Action Plan
City of Chicago / Chicago, Illinois

pg. 30



PlaNYC 2023 Strategic Climate Plan
New York City Economic Development Corporation / New York, New York

pg. 31



Climate Action Plan
City of Bethlehem / Bethlehem, Pennsylvania

pg. 32



GHG Emissions Inventory, Resiliency, Sustainability
City of Saint Augustine / Saint Augustine, Florida

pg. 33



Zero Emission Transition Plan
PalmTran / Palm Beach County, Florida

pg. 34



Other Similar Projects
Various Clients

pg. 35





2022 CAP CHICAGO CLIMATE ACTION PLAN

LEARN MORE ABOUT THE CITY OF CHICAGO CLIMATE ACTION PLAN:
 WEBSITE: <https://www.chicago.gov/city/en/sites/climate-action-plan/home/2022-planning.html>
 REPORT: <https://www.chicago.gov/city/en/sites/climate-action-plan/home/get-involved.html>



Chicago Climate Action Plan

City of Chicago / Chicago, Illinois

The City of Chicago has updated its Climate Action Plan (CAP) to reflect the bold action needed to protect and strengthen communities- locally and globally, joining 96 cities around the world. The City's updated climate goals are designed to reduce carbon emissions while also increasing household savings, advancing environmental justice, and improving community health.

Chicago's new climate goals set a course to reduce the city's carbon emissions 62% by 2040. Anchored in values of economic inclusion and savings, pollution burden reduction, and equitable access to critical infrastructure and community health and resilience. The 2022 CAP prioritizes delivering meaningful community benefits and system improvements as the city continues to lead on climate. The CAP provided Chicago strengthened partnerships and programs to expand access to green space, reduce carbon emissions, and connect residents to meaningful resources and services.

The 2022 CAP is built around climate actions (energy, carbon, electrification, waste, resiliency, and equity) that deliver multiple, meaningful benefits to residents and their communities while also reducing emissions. These co-benefits include:

1. Economic inclusion and savings;
2. Reduced pollution burden;
3. Equitable access to critical infrastructure;
4. Community health and resiliency.

To kick-start implementation of the identified strategies, the plan identified the overlap of 2022 CAP and Chicago's Recovery plan funding, as well as available climate financing options.

Lesson Learned:

- Centering equity and justice by anchoring strategies in values of economic inclusion and savings, pollution burden reduction, and equitable access to critical infrastructure and community health and resilience. The process began with identifying patterns of historic inequities, identified current tree canopy equity, extreme heat vulnerability, and affordable energy access.
- Developing strategies by analyzing actions across sectors and supporting the city's community engagement process.
- Prioritizing the delivery of meaningful community benefits and system improvements through a focus on climate financing, delivery capacity, addressing known hurdles, and providing clear implementation next steps.

Firm/Responsibility:

WSP

Client/Owner:

City of Chicago

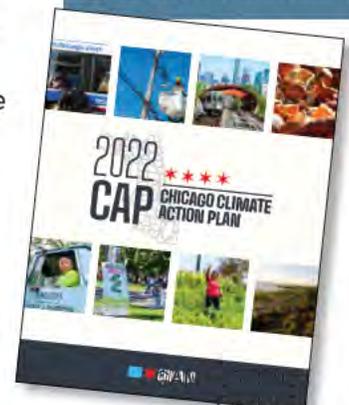
Client Contact:

Angela Tovar
 Chief Sustainability
 Officer, Office of the
 Mayor
 City of Chicago
 312-744-9193
 angela.tovar@
 cityofchicago.org

Project Dates:

Mar. 2021 - Mar. 2022

- Project Management
- Existing Conditions & Emission Modelling
- Branding
- Stakeholder Engagement
- Net-zero target development
- GHG reduction strategies
- Implementation plan
- On-time & On Budget
- Equity Considerations





Protecting Us From Climate Threats

EXTREME HEAT: Climate change is not just a future threat, it is a present danger that our communities are already feeling. Warmer average days, more frequent and longer heat waves, severe nighttime cooling lulls, and coastal storms are making the heat more intense in all parts of the city. New Yorkers are already experiencing the impacts of climate change. This includes health and environmental impacts, such as increased rates of heat-related illness and death, and increased rates of asthma and other respiratory conditions. Climate change also increases the risk of wildfires, which can impact air quality and public health. Climate change also increases the risk of flooding, which can damage property and infrastructure. Climate change also increases the risk of drought, which can impact water availability and public health. Climate change also increases the risk of sea level rise, which can impact coastal infrastructure and public health. Climate change also increases the risk of ocean acidification, which can impact marine life and public health. Climate change also increases the risk of permafrost thawing, which can impact infrastructure and public health. Climate change also increases the risk of glacial retreat, which can impact water resources and public health. Climate change also increases the risk of ice sheet collapse, which can impact sea level rise and public health. Climate change also increases the risk of ice shelf disintegration, which can impact sea level rise and public health. Climate change also increases the risk of ice stream acceleration, which can impact sea level rise and public health. Climate change also increases the risk of ice sheet collapse, which can impact sea level rise and public health. Climate change also increases the risk of ice shelf disintegration, which can impact sea level rise and public health. Climate change also increases the risk of ice stream acceleration, which can impact sea level rise and public health.

PlaNYC 2023 Strategic Climate Plan

New York City Economic Development Corporation / New York, New York

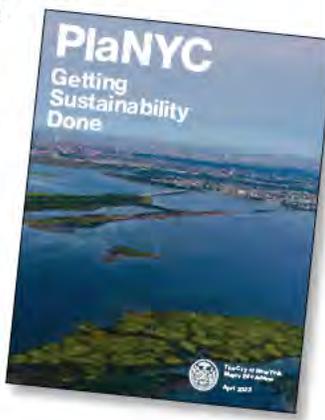
PlaNYC 2023 is New York City’s strategic climate and sustainability plan. The plan articulates long term goals and near-term actions to strengthen climate resilience, advance decarbonization, and improve public health and quality of life for all New Yorkers. The City of New York is required by local law to update PlaNYC every four years to establish the administration’s strategic direction, policies, and key priority projects to meet its climate and sustainability goals.

WSP was a subconsultant to BJH Advisors, leading the technical analysis and providing writing support for the plan. WSP led the technical analysis to support development of multiple policy initiatives including minimum coastal flood standards for climate resilience, the development of community resilience hubs, assessment of universal access to cooling, assessment of building retrofits to meet new regulatory emission reduction requirements, and new pathways to reduce embodied carbon from construction activities

New York City issues updates to PlaNYC every four years. WSP co-lead the project, working closely with a consultant team of five firms and a large client team of 12 policy experts. WSP also worked with the client team to coordinate input from 22 city agencies, a strategic advisory board of multiple community organizations, and a mayoral cabinet of deputy mayors, city commissioners, and agency representatives.

Lessons Learned:

- Technical and policy analysis across multiple climate and sustainability sectors: clean energy, built ecology, coastal resilience, stormwater management, green space and natural resources, food and agriculture, waste and organics, green economy, governance, and climate budgeting
- Complex project management structure within a very tight schedule (4 months)
- Multiple concurrent work streams: technical analysis, policy development, decision making, report writing, visualizations, design, and layout
- Staff support for briefing city leadership, deputy mayors, and elected leader



Firm/Responsibility:
WSP

Client/Owner:
New York City Economic Development Corporation

Client Contact:
Angela Wong
Senior Policy Advisor,
Mayors Office of Climate and Environmental Justice
AWong@cityhall.nyc.gov;
212-346-5785

Project Dates:
Dec. 2022 - Apr. 2023

- Project Management
- Branding
- Stakeholder Engagement
- Net-zero target development
- GHG reduction strategies
- Implementation plan
- Quick 5 Month Delivery & On Budget
- Equity Considerations



LEARN MORE ABOUT THE CITY OF BETHLEHEM CLIMATE ACTION PLAN:
 WEBSITE: <https://webuild.bethlehem-pa.gov/en/folders/cap>
 REPORT: https://www.bethlehem-pa.gov/getattachment/Public-Works/Climate-Action-Plan/Climate-Action-Plan_City-of-Bethlehem_04-07-21-FINAL-FINAL.pdf.aspx?lang=en-US



Climate Action Plan

City of Bethlehem / Bethlehem, Pennsylvania

The City of Bethlehem has long supported climate action over the years, committing to the various national and global sustainability and decarbonization initiatives and implementing GHG reduction strategies between 2005 and 2017 –including renewable energy purchasing – which reduced municipal emissions 37 percent. In February 2017, City Council unanimously endorsed the creation of a Climate Action Plan (CAP).

WSP was selected to develop the City's first CAP, and manage all aspects of its development, including stakeholder and public engagement, mitigation target setting and achievement roadmap, climate vulnerability assessment, and drafting of the plan. The justice and equity-focused community-wide CAP, specifically designed for the city of 70,000, establishes targeted policies, programs and projects to help Bethlehem mitigate its emissions contribution and build resilience to the impacts of a changing climate.

To establish a baseline, WSP conducted a comprehensive review of the City's municipal operations and citywide GHG emissions inventory processes and procedures. The team then modeled citywide and municipal operations GHG reduction targets for 2030 and 2050, aligning with Intergovernmental Panel on Climate Change global 1.5°C temperature scenarios.

WSP facilitated a series of stakeholder working groups to develop sector-specific mitigation goals and strategies for the CAP. The team analyzed mitigation strategies for their emissions reduction potential and co-benefits and conducted three public meetings and multiple public surveys to gather input for the plan. The team also formed an environmental justice and equity steering committee and partnered with local community-based organizations to give a voice to frontline communities and integrate the principles of justice and equity throughout the CAP.

For the climate vulnerability assessment, WSP analyzed statistically downscaled Localized Constructed Analogs (LOCA) climate projections for the city and processed daily temperature and precipitation projections for multiple future warming scenarios. The team then facilitated multiple stakeholder meetings to conduct a vulnerability assessment based on the climate projection analysis results. WSP compiled the final CAP in a graphically designed template with public release in April 2021.

COMMUNITY-WIDE GOALS
 GHG Emissions Reduction Targets
 33% by 2025, 60% by 2030, Zero by 2040

- Environmental justice and equity:** Ensure that 40% of the CAP's overall spending benefits go to frontline communities.
- Municipal operations:** Reduce GHG emissions by 67% by 2025, reach net zero by 2030.
- Buildings:** Reduce GHG emissions from buildings by 30% by 2030.
- Electricity sourcing:** Achieve 100% renewable electricity consumption community-wide by 2030.
- Transportation and mobility:** Reduce GHG emissions from transportation by a minimum of 10% by 2030.
- Land use and green space:** Maximize Bethlehem's urban green space and tree canopy.
- Local food food system:** Achieve zero waste by 2040.
- Public engagement:** Create a Bethlehem Climate Challenge program to increase community climate commitment.

Firm/Responsibility:

WSP

Client/Owner:

City of Bethlehem

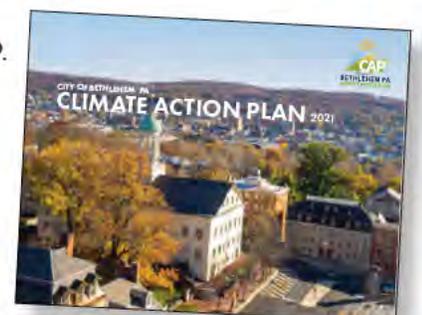
Client Contact:

Matt Dornier
 Deputy Director of
 Public Works, Chief of
 Engineering
 610-865-7051
 MDornier@bethlehem-pa.gov

Project Dates:

Mar. 2020 - Apr. 2021

- Project Management
- Existing Conditions & Emission Modelling
- Branding
- Stakeholder Engagement
- Net-zero target development
- GHG reduction strategies
- Implementation plan





GHG Emissions Inventory, Resiliency, Sustainability

City of Saint Augustine / Saint Augustine, Florida

Internal Sustainability Plan

The WSP team worked with CoSA to develop an Internal Sustainability Plan for government services that will serve as a guidebook to be used internally by CoSA staff and facilitate coordination and tracking of projects/initiatives and related information across departments. One of the City's initiatives from their Strategic Plan was to develop CoSA values that lead to sustainable best practices, environmental conservation, and operational change that reduces the CoSA's carbon footprint.

In addition to aligning with the Strategic Plan, the Sustainability Plan will provide:

- Coordination and tracking of projects/ initiatives and related information across departments.
- Guidebook to be used internally by government services.
- Positive effect on the triple bottom line.

At the Sustainability Planning Workshop, the team worked with close to 20 representatives from various CoSA departments to develop criteria that identified values and behaviors related to sustainability that are important to CoSA. These values were then developed into guiding principles which will guide decisions and operations of government services to promote sustainability.

The team also worked with CoSA representatives to name key program areas to group together the goals, topics, and aspects of sustainability, and then identified two or three key indicators per program area that could be used to measure progress in those areas.

Greenhouse Gas (GHG) Emissions Inventory

WSP is assisting CoSA to begin tracking the carbon footprint associated with operations. A GHG inventory is underway for CoSA's Utilities Department. The inventory will serve as a template that can be further expanded to include other city departments in the future. It will also provide a baseline for tracking the impact of emissions reduction projects going forward.

The CoSA Utilities Department includes the following areas and services: water treatment, wastewater treatment, water transmission and distribution, wastewater collection, stormwater operations, solid waste, environmental compliance, GIS, and meter maintenance. The Carbon Footprint framework will include the fleet departmental vehicles.

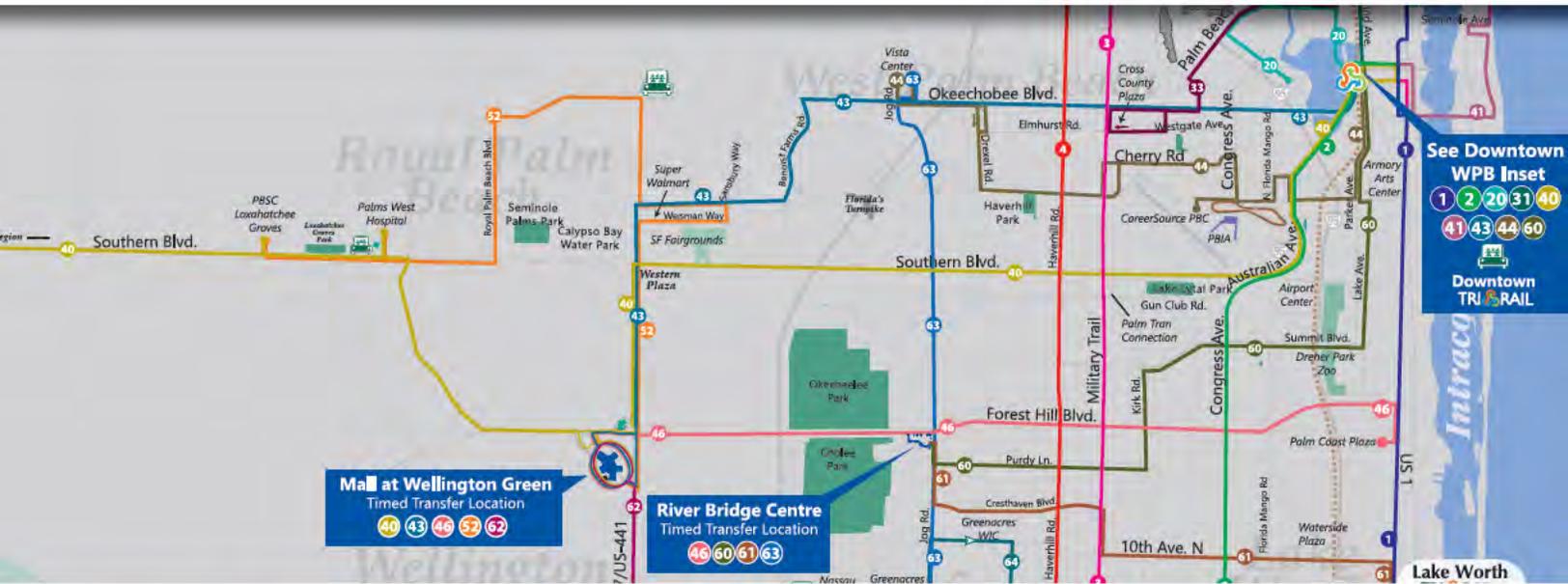
Firm/Responsibility:
WSP

Client/Owner:
City of Saint Augustine

Client Contact:
Todd Grant, PG
Public Works Deputy
Director
City of St. Augustine
904-209-4271
TGrant@citystaug.org

Project Dates:
2017 - Ongoing

- Project Management
- Existing Conditions & Emission Modelling
- Branding
- Stakeholder Engagement
- Net-zero target development
- GHG reduction strategies
- Implementation plan



Zero Emission Transition Plan

PalmTran / Palm Beach County, Florida

WSP is working with PalmTran to provide a Zero Emission Transition Plan for PalmTran’s fixed route system, allowing PalmTran to apply for competitive Federal Transit Administration (FTA) funds. This zero-emissions transition plan addressed the items in the FTA’s December 1, 2021, Dear Colleague Letter and reviewed the infrastructure required for operating zero emission buses (ZEB).

The Zero Emission Transition Plan evaluates areas of PalmTran’s operations such as fleet, funding, regulations, facilities, utilities, and the work force. As part of the plan the agency reviewed the infrastructure, funding, and workforce development needs required to meet its goal of maintaining a 25% low or no emissions vehicle fleet.

PalmTran provides fixed route, paratransit, and on-demand services within Palm Beach County. Located in southeastern Florida, Palm Beach County is the third largest county in Florida by population, with nearly 1.5 million residents, and the second largest county by land area, at 1,977 square miles. PalmTran’s fixed route network includes thirty-two (32) routes which serve approximately 3,000 bus stops and seventeen (17) park-and-rides. The plan recommends the replacement of low or no-emission vehicles gradually over time, replaced gradually over time. Under this proposed fleet replacement PalmTran would reach a 25% low or no-emission fleet by 2025. Additionally, the plan proposed workforce training, coaching, and refresher training to ensure they may continue to operate and maintain the PalmTran fleet safely and provide a critical service to the capital area.

Firm/Responsibility:

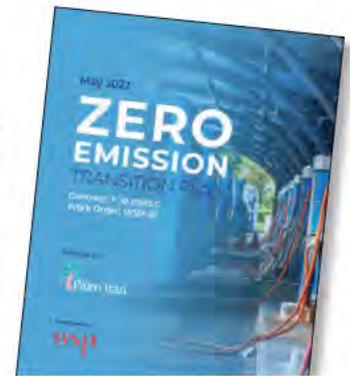
WSP

Client/Owner:

PalmTran

Project Dates:

Jan. 2022 - May 2022



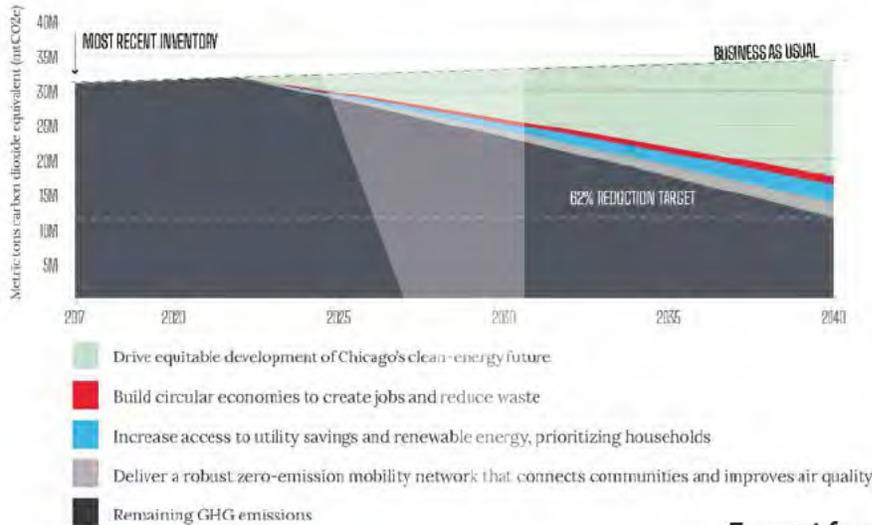
Other Similar Projects:

Projects	Policy/Plans	Technical Analysis	Economic Assessments	Certification (i.e. - Envision)	Change Management	Energy Transition	Design Guide and Approach	Project Funding
Sustainability								
"The Stitch" Project Atlanta Downtown Improvement District	■	■						
Heat Resilience Solutions for Boston Action Plan City of Boston		■	■				■	
Asset Information Management Project New York City Housing Authority	■	■			■	■		
Energy Procurement Strategy Peninsula Corridor Joint Powers Board	■	■	■			■		
General Architectural and Engineering Washington Metropolitan Area Transit Authority	■	■					■	■
South Dade Transit Operations Center Design (Climate Resilience, Emergency Management, Envision) Miami-Dade County	■	■		■			■	■
Adaptation Planning and Sustainability Support California High-Speed Rail Authority	■	■	■	■	■	■	■	■
On-Call Environmental Planning, Permitting, and Support Services Contract Caltrain	■	■		■		■		■
Air Quality and Sustainability Technical and Policy Analysis On-Call LA Metro	■	■	■			■		
On-Call Services American Association of State Highway Transportation Office	■	■					■	
Strategic Plan SamTrans	■				■	■		
Environmental Planning and Permitting Services On-Call SamTrans	■	■		■		■		■
Planning Services Metropolitan Atlanta Rapid Transit Authority		■					■	■

CHICAGO GHG EMISSIONS REDUCTION TARGET PATHWAY

Greenhouse Gas Inventory Summary

The emissions reductions expected from the actions in this plan use the [2017 GHG Emissions Inventory](#), the most recent report, as a baseline. This inventory estimates the total GHG emissions generated from residential, commercial, institutional, and industrial activities within the city boundary. In 2017, Chicago generated 31,035,000 metric tons of carbon dioxide equivalent (mtCO₂e) from the activities highlighted in the chart.



Excerpt from City of Chicago, Climate Action Plan

SECTION 3 Approach to Scope of Work

Approach to Scope of Work

Understanding of the Scope of Work

The City of Fort Lauderdale (the City) has made a commitment to reach net zero communitywide and city government operations greenhouse gas (GHG) emissions by 2050, below 2019 levels. This commitment builds on the City's 2010 *Sustainability Action Plan*, which set a goal of a 20% reduction of GHG emissions by 2020. The City subsequently set a more ambitious GHG reduction goal of an 80% reduction by 2050 as a component on the City's Advance Fort Lauderdale Comprehensive Plan.

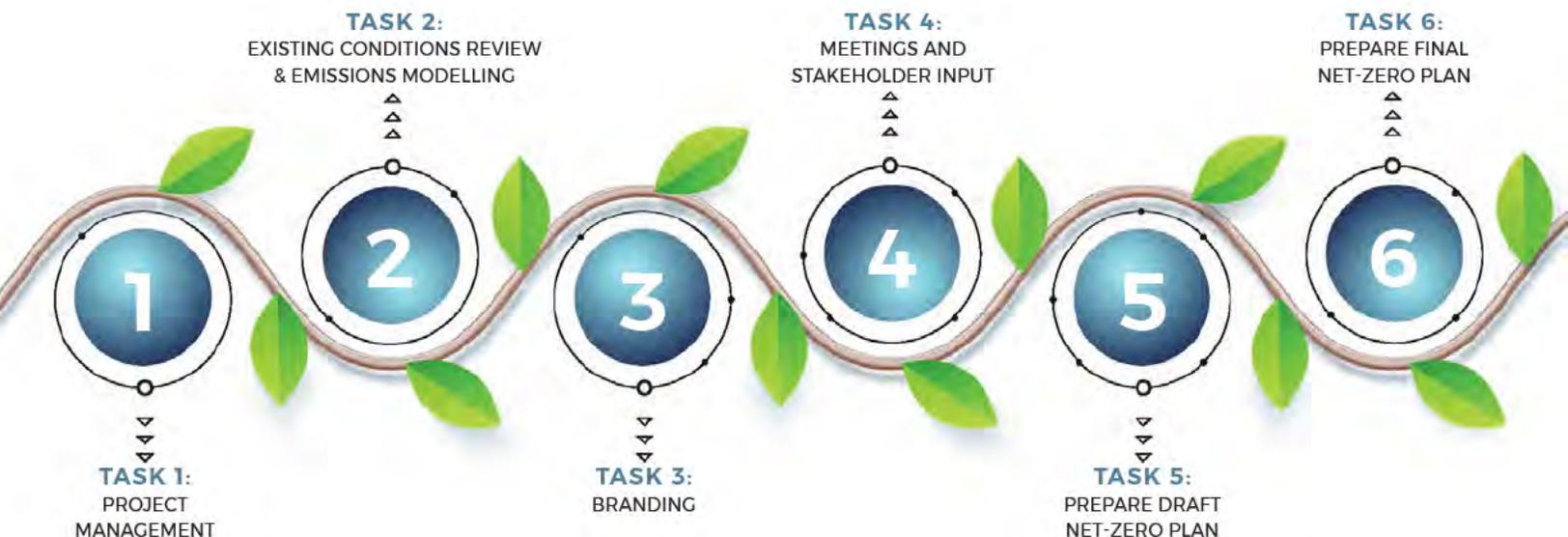
In December 2021, the City Commission ratified the net zero GHG emissions goal for City government operations by 2040 and community-wide emissions by 2050, further increasing the City's climate ambitions. To support the achievement of these goals, the City has joined ICLEI - Local Governments for Sustainability's Race to Zero campaign, an initiative based on the United Nations' Framework Convention on Climate Change's (UNFCCC) Race to Zero Campaign. WSP understands that this commitment requires the City to set a science based GHG reduction target by 2030, which will be followed by an additional interim 2040 target and culminating with net zero GHG emissions by 2050.

Fort Lauderdale recognizes it must do its part to reduce global GHG emissions to avoid the most catastrophic effects of climate change, and has an opportunity to lead cities in South Florida in setting and achieving deep carbon reductions. Developing and implementing initiatives that will yield lower GHG emissions will bring multiple benefits to Fort Lauderdale and its residents. Policies and programs implemented through this effort will create green jobs, increase the city's resilience to the effects of climate change, improve air quality, lead to other public health benefits, and results in a more prosperous, thriving city for decades to come.

WSP has helped numerous communities to develop stakeholder-led, equity focused GHG mitigation plans. Our technical expertise and experience collaborating with communities and private corporations to set and achieve ambitious, achievable GHG reduction goals is unparalleled.



Project Approach





TASK 1: PROJECT MANAGEMENT

The City has ambitious goals and wishes to complete the Net-Zero Plan within a brief time frame so excellent project management will be paramount. WSP has put together a strong team with an experienced Project Manager, **Angie Xiong**, Deputy Project Manager, **Catherine Prince**, sector-specific subject matter experts, as well as technical staff. WSP will provide lead technical direction and oversight for the development of the Net-Zero Plan. Collectively, our team has supported multiple municipalities with climate action plans and sustainability strategies. We have also supported numerous private sector companies in setting net-zero targets aligned with the Science-Based Targets initiative's (SBTi) Net-Zero Standard and developing net-zero roadmaps for achievement. WSP will leverage this experience and knowledge of GHG mitigation strategies and best practices in net-zero planning to guide the City through development and adoption of the Net-Zero Plan.

The primary responsibilities of WSP's project management team fall under three areas: administration, project delivery, and communication/collaboration:

- ▶ **ADMINISTRATION:** WSP will manage the project budget and schedule, provide contract administration, and prepare monthly invoices based on hours worked towards project tasks.
- ▶ **PROJECT DELIVERY:** WSP will provide internal supervision and technical direction to project staff. In collaboration with the City Project Manager, WSP will prepare a living project work plan, to be maintained in the Project Management Web Portal. The work plan will contain the overall project schedule, key milestone activities and deliverables, and action items and assignments. WSP will also ensure the Project Management Portal is customized to meet City's and project needs. Additional elements to be included in the Portal are status updates, team contact information, and a repository of project-related documents and resources.
- ▶ **COMMUNICATION/COLLABORATION:** WSP will schedule and facilitate a project kickoff meeting and biweekly meetings so that the City can be apprised of upcoming project activities and be an active partner in reviewing and providing feedback on approach and deliverables. WSP will provide an agenda prior to the meeting and follow-up with meeting notes, to be housed in the Project Management Portal.

In addition to the project management responsibilities outlined above, under this task WSP will prepare a request for information (RFI) outlining data needs as well as access to the City's ICLEI ClearPath account. Data needed is expected to include, at a minimum:

- ▶ Community-wide and government operations GHG emissions inventories for 2019 and past years,
- ▶ All activity data used to develop the City's GHG inventories, including:
 - Buildings energy use (kWh electricity, therms of natural gas, liters of fuel oil)
 - On-road transportation vehicle miles traveled (VMT), by vehicle type
 - Metric tons of solid waste generated, by waste type and management approach (landfill, waste to energy, compost)
 - Volume of wastewater treated
 - Fugitive GHG emissions from wastewater treatment
 - Volume of fuel used by City fleet vehicles, by vehicle type
 - Recreational boating data
 - Fort Lauderdale Executive Airport activity data or fuel usage estimates
 - Tree cover area and other data used for carbon sequestration estimates
- ▶ Any assumptions used or estimates made in completing the GHG inventories,
- ▶ An Inventory Management Plan or similar documentation
- ▶ All data used to generate previous GHG emissions goals

TASK 1 DELIVERABLES WILL INCLUDE:

1. Technical Memo Outlining Project Management Approach and project timeline;
2. Initial request for information; and
3. Agendas and minutes for all meetings.

TASK 2: EXISTING CONDITIONS REVIEW & EMISSIONS MODELLING

Fort Lauderdale implemented the first Sustainability Action Plan to address the challenge of climate hazards more than ten years ago. Since then, a variety of initiatives have emerged. WSP takes a top-down approach to reviewing to review all existing energy, emissions, waste, and climate policies, plans, ordinances from state requirements/standards/codes to city policies/ordinances/plans. The City has enacted policies and procedures organized by emissions sources and categories. The team will identify both the positive aspects of the policies and the roadblocks, polices that hinder, that were uncovered using the **SWOT (Strengths, Weaknesses, Opportunities, Threats)** analysis. WSP will identify 'levers' that are in City control, 'levers' under control of others (FPL), and 'levers' that are voluntary and owned by public.

WSP shall review and align this Plan with key City and regional plans including but not limited to:

- | | |
|--|--|
| 1. Fast Forward 2035 Vision Plan | 8. Transportation Plans |
| 2. Press Play 2024 Strategic Plan | 9. Urban Design Master Plans |
| 3. Advance Fort Lauderdale 2040 Comprehensive Plan | 10. Design and Construction Manual |
| 4. Net Zero greenhouse gas goals | 11. Parks Master Plan |
| 5. 2019 GHG inventory | 12. SFRCC Regional Climate Action Plan 3.0 |
| 6. Neighbor surveys | |
| 7. Public Works Master Plans | |



This existing conditions analysis will form the foundation for three key tasks. It will inform:

1. GHG emissions forecast modeling and future scenario selection;
2. Stakeholder and community engagement, to highlight achievements and focus participant attention on gaps and opportunities; and
3. GHG reduction strategy development

WSP will prepare two forecast scenarios for the community and government operations by emissions sector for 2030, 2040, and 2050. The business-as-usual (BAU) scenario is a conservative scenario that only accounts for anticipated population and employment growth in Fort Lauderdale. WSP will also develop a "legislative-adjusted forecast" which accounts not only for population and economic growth, but planned policies and anticipated regulatory action at the federal, state, and local levels.

TASK 2 DELIVERABLES WILL INCLUDE:

1. Technical Memorandum outlining data collected;
2. Review of existing GHG inventories;
3. Modelling of future emissions scenarios; and key conclusions from the analysis.



TASK 3: BRANDING

Communications surrounding the Roadmap to Net Zero Plan initiatives would focus on the Energy and transportation sectors that accounts for 82% of annual emissions in Florida as of 2022. Communicating recommended actions - and the reasoning behind them - clearly and concisely will be paramount to program success and establishing a comprehensive brand strategy that will direct that consistent communication.

THE ROADMAP TO NET ZERO PLAN BRAND STRATEGY WILL CONSIST OF THREE MAIN ELEMENTS:
1) POSITIONING, 2) COMMUNICATION, 3) IDENTITY.

These three elements will be delivered at the conclusion of the task in a Brand Guidelines document, which provides guidance on brand use and documents the development process behind the Guidelines.

ELEMENT 1: BRAND POSITION

In developing our Brand Position, we will establish the Roadmap to Net Zero Plan vision and values and provide an understanding of how others are communicating parallel environmental and climate change mitigation initiatives in the City, both within and outside of city government. We will analyze other programs in the same Net Zero space to determine what messages they are communicating and how, and evaluate which methods provide the most engagement and success. We will also identify which brands dovetail with or support our strategy to determine potential partnerships and cohesiveness of messaging. At the conclusion of the analysis process, we will present our findings and preliminary messaging recommendations to City staff for review and discussion.

With that analysis in-hand, the next step of the Brand Positioning element is to clearly identify program intent, desired future outcomes when the program is implemented, and the steps required to achieve that outcome. By clearly defining the goals and objectives of the Roadmap to Net Zero Plan program and understanding potentially competing or parallel messaging delivered by other programs, we identify what makes our program unique and establish key messaging and high-impacts statements that form the foundation for our Brand Communications.

TASK 3, ELEMENT 1: BRAND POSITION DELIVERABLES WILL INCLUDE:

The Brand Guideline document section on Brand Position, including:

- ▶ Competitive Analysis of City environmental and climate change mitigation initiatives (memo)
- ▶ Presentation of Competitive Analysis to City staff (teleconference, slide deck)
- ▶ Roadmap to Net Zero Plan purpose statement
- ▶ Roadmap to Net Zero Plan vision statement
- ▶ Key messaging statements

ELEMENT 2: BRAND COMMUNICATION

The Brand Communication element builds on the Brand Position and identifies our communication objectives, channels, and the voice we will use to share our message.

A primary communication objective for our brand will be to communicate and educate stakeholders on the importance of the Net Zero Plan in combating carbon emissions and mitigating climate-related impacts. Refining that objective, and others, and establishing messaging guidelines will allow the City to be clear and consistent in the presentation of your Net Zero Plan content. The messaging guidelines will help the City focus on the benefits of the program and highlight what makes the program unique and effective. The guidelines can be optionally adapted as a series of executive-level 'talking points.'

Building on the Competitive Analysis from the Brand Position element, we will recommend the most effective channels and strategies for communicating information about the Net Zero Plan across the spectrum of print, digital, web, multimedia, social media, and press. We will develop a matrix identifying communication methods for different target audiences, and recommendations for maximizing engagement opportunities with the

public. We will also identify additional opportunities for engagement not already captured in the Competitive Analysis process.

Having identified the recommended channels, we will outline a proposed brand voice for communicating about the project. The brand voice will provide direction on how to communicate our messaging in a way that should be the most well received and inspirational to your audience, including tone, perspective, tense, and word choice.

TASK 3, ELEMENT 2: BRAND COMMUNICATION DELIVERABLES WILL INCLUDE:

The Brand Guideline document section on Brand Communication, including:

- ▶ Messaging guidelines for communicating about the Net Zero Plan
- ▶ Recommendations for communication channels and maximizing engagement with the public
- ▶ Identifying communication opportunities
- ▶ Outline of brand voice

ELEMENT 3: BRAND IDENTITY

The Brand Identity is the visual representation of the Net Zero Plan brand. The Brand Identity will include the design of a Net Zero Plan logo or identifier and color palette, fonts, iconography, and other graphic elements that will form the visual vocabulary for the brand. The Brand Identity System will also provide guidelines for using the logo and other visual elements of the brand, including acceptable uses of the logo, guidelines for partnering or co-branding, and accessibility guidelines to ensure that text and colors are used in a way that maximizes access to information.

The logo design process will include the development of up to three unique logo concepts that will be presented to the City for review. Based on feedback, the preferred logo option will be refined into a final logo design that will be presented to the City for approval. After approval, the logo will be documented in the Brand Identity System. Electronic logo files will be provided to the City in original art (.ai), vector (.svg), and raster (.png, .jpg) formats.

The final deliverable for the branding effort will be the complete Brand Guideline document, including the deliverables from Elements 1-3 and a stand-alone Brand Identity System intended as a reference for users of the brand.

TASK 3, ELEMENT 3: BRAND IDENTITY DELIVERABLES WILL INCLUDE:

The Brand Guideline document section on Brand Identity, including:

- ▶ Net Zero Plan logo concepts
- ▶ Net Zero Plan final logo
- ▶ Logo usage guidelines
- ▶ Brand fonts, color palette, iconography, graphic elements, and accessibility guidelines
- ▶ Standalone Brand Identity reference for users of the brand



TASK 4: MEETINGS AND STAKEHOLDER INPUT

EFFECTIVE STAKEHOLDER MANAGEMENT IS CENTRAL TO DEVELOPING OUR NET ZERO PLAN AND IMPLEMENTATION STRATEGIES.

Stakeholder engagement is a cornerstone of successful planning and implementation of a roadmap.

Catherine Prince has strong experience engaging with Fort Lauderdale communities. Community and internal stakeholder engagement is not an afterthought but engrained in the Project from the onset. The Roadmap to Net Zero in conjunction with the City's Climate Vulnerability Analysis requires significant and sustained outreach, particularly with the historically disinvested communities in the City.

WSP's approach is to create a sense of ownership, build excitement, and strengthen the relationships between citizens, neighborhoods, and government.



Encouraging partnerships amongst stakeholders and the Community will catalyze a sense of unity not only for the Project at hand but for future work. Our team has dozens of examples of stakeholder-driven and -informed projects ranging from the public to elected officials. These successful projects have enhanced stakeholder engagement and public buy-in, setting the stage for longer-term success. Our approach to this challenge is elaborated in the below section.

COMMUNITY-BASED ENGAGEMENT WITH TWO GOALS: TRANSPARENCY AND BUY-IN

A transparent process requires substantial and sustained engagement. The WSP team will map an outreach plan in coordination with the City. This will include, an essential stakeholder list, and specific areas where stakeholder input is desired. The outreach plan will create clear expectations for how and when engagement will drive the project and where feedback is essential.

- ▶ **Develop an outreach plan**, a two-page document that lays out the outreach plan providing a detailed list of tasks, due dates, and list of stakeholders- both internal, external. The plan is a living document and is updated after each check-in meeting, which serves as how we provide accountability as part of the outreach phase. Everyone involved from the WSP team and the City will have an easy-to-use reference document
- ▶ **Setting clear expectations** from the start of a project and ensuring consistent communication is key to building the will necessary for further action. This team is ready from day one - to engage the Community and internal City stakeholders.
- ▶ **We will not assume that everyone is on the same starting page.** Real engagement begins with understanding our stakeholders and their purpose for engaging or explaining why they should care. We will consider the messaging for each stakeholder group and engage with them in a way tailored to individual needs and works for the City. We will use that engagement to understand better each community member's concerns to drive the project process. We will use partner and community groups to integrate existing knowledge and expand upon the needs of all members.
- ▶ **Outreach within historically disadvantaged communities.** Equitable outreach requires deliberate planning, particularly with trusted community leaders. The team will work with the City to identify these leaders. Also, when, where, and how we engage is a consideration. It is important to bring engagement to where the community live, works, or have their daily activities. The WSP team will work with the city to identify the best ways to engage for productive engagement.



THE WSP TEAM HAS THE EXPERIENCE WORKING WITH FORT LAUDERDALE'S COMMUNITIES AND CITY DEPARTMENTS TO DELIVER THE CITY A SUCCESSFUL OUTCOME. WE BRING STRONG COMMUNITY RELATIONSHIPS TO NEIGHBORHOOD ASSOCIATIONS, BUSINESS LEADERS, AND COMMUNITY LEADERS AND ACTIVITIES.

Leading community workshops. The WSP team will lead a hands-on interactive workshop with the community. Deputy Project Manager **Catherine Prince** has extensive experience organizing and leading community workshops. The first workshop will identify community priorities and potential strategies. The second workshop will focus on building consensus of the identified strategies and implementation plan.

Developing a project website for community input and to share project updates. The WSP team will develop a standalone project website that can serve a dual purpose of digital engagement, as well as one single space for project updates from initiation to final Net Zero plan.

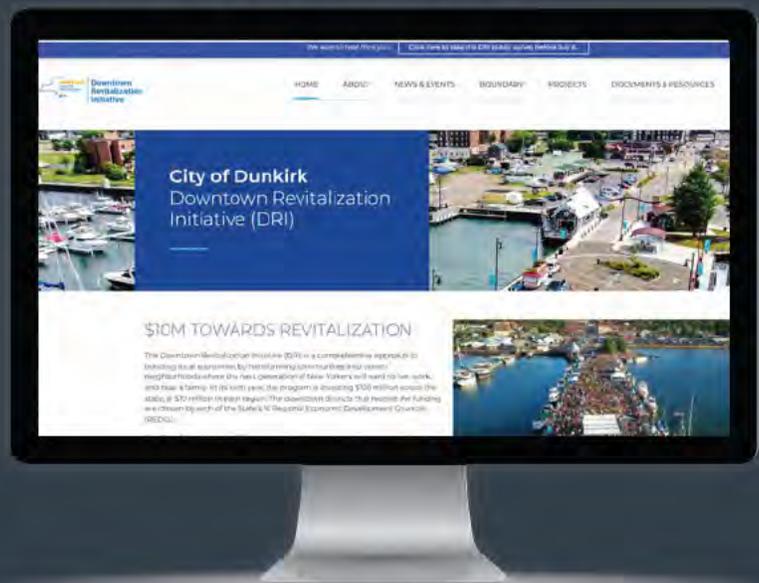
WSP'S EXPERTISE IN VISUAL COMMUNICATIONS

WSP leverages its expertise in visual communications and its comprehensive knowledge of regional, state, and federal organizations to create a targeted, result-driven project website. As a key element and starting point of any website strategy, and in collaboration with the project team and our teaming partners, WSP will build upon existing agency branding to clearly establish a visual identity for the project's website. WSP's web team will work closely with planning teams, outreach teams, and the graphics team to ensure a consistent and complimentary brand is maintained throughout the website development cycle.

WSP will facilitate an early and comprehensive needs analysis and detailed requirements gathering process with agency staff and other essential teaming partners. The goal of this process is to clearly define the information architecture for the website program, define overall usability and visual aesthetics, and establish a clear vision of the overall interface requirements, all within the context of the intended target audiences and their needs. Technical aspects of website delivery will also be clarified.

A thorough review of objectives, web standards and agency branding will serve as the foundation of the user interface design and information architecture. WSP will prepare a user interface for review and comment. User interface will be further revised to illustrate navigation functionality and responsive display.

Following user interface design approval, WSP will develop a functional website prototype for preview on WSP's secure servers. A sampling of website pages will be populated with placeholder content to ensure website interactivity and functionality are agreed upon. Key interactive and visual elements will be included as part of this review. Content will be integrated to facilitate readability and usability and will maintain overall aesthetic page design and highlight key messages. WSP will also ensure page layout is compliant with Section 508 web accessibility requirements to the extent feasible and as required. Following review and integration of all client comments, website will be launched to the public.



Illustrated Above: WSP collaborated with the City of Dunkirk, New York on the Downtown Revitalization project, creating a website to spur digital engagement within the community.

<https://dunkirkdri.com/>

STAKEHOLDER ENGAGEMENT

Internal stakeholders to include:

City of Fort Lauderdale Division	Anticipated Coordination
Transportation and Mobility (TAM) Divisions of Planning, Projects, Parking, FXE Airport	Multimodal policies & projects, Circuit and other local circulators, parking, curb space management, event alternate mobility considerations/closures.
Parks and Recreation	Urban tree cover, events waste management, water conservation, Sargassum recycling, and other efforts.
Department of Public Works (PW) – Divisions of Sustainability, Utilities, Engineering	Solid Waste Management, lighting and other energy efficiency, policy, and ordinance updates to consider future climate conditions (if any). Opportunities to integrate sustainable infrastructure policies.
Department of Sustainable Development (DSD), Divisions of Urban Design & Planning, Permitting	Smart growth and existing and proposed private property policy requirements (if any), ease of permitting to install solar panels, other renewable energy options, tracking Green Buildings certifications, others.

External stakeholders to include:

External Stakeholders	Role in the Community, Anticipated Coordination
Florida Power and Light	FPL is the sole provider of energy utility services for the City. Discussions to include: FPL's Real Zero plan, options to reduce energy burden on the frontline communities.
The CLEO Institute	CLEO Institute is a climate crisis advocacy non-partisan organization. Discussions to include: impacts to frontline communities, potential opportunities, strategies, and solutions.
Miami Waterkeeper	Miami Waterkeeper is an advocacy for clean water and ecosystem protection. Discussion will include: water pollution and water conservation.
Greater Fort Lauderdale Chamber of Commerce	Business organization with over 1000 companies. Discussions may include the policies and strategies that can facilitate the shift towards net zero in the business community.
Urban Land Institute (ULI)	Professional organization of real estate sector and land use. Discussion with the resilience committee to review the opportunities to decarbonize.
Urban Sustainability Directors Network (USDN)	Leverage the City's membership and access innovative strategies that may have been successful in other South Florida cities.
ICLEI - Local Governments for Sustainability	Leverage the City's membership to access support for developing science based GHG reduction targets and potential reduction strategies.



TASK 5: PREPARE DRAFT NET-ZERO PLAN

In consultation with the City staff, WSP will develop a draft Net Zero Plan that will build on previous tasks, incorporating stakeholder feedback as appropriate. This draft plan will include the GHG mitigation potential from specific strategies, reflecting WSP's extensive experience developing and implementing carbon mitigation plans for both local governments and private sector organizations. In developing this draft plan, WSP will consider all opportunities for ambitious, but achievable GHG reductions, including GHG reduction potential from new and existing buildings, renewable energy, reduced vehicle miles traveled (VMT), increased adoption of electric and other low- and zero-GHG emissions vehicles, waste reduction, and water conservation and wastewater treatment measures.

WSP's approach will consider circumstances specific to Fort Lauderdale, building on its review of existing conditions and GHG emissions modeling completed in Task 2, to compile a set of tailored GHG reduction strategies reflective of best practices in community and government operations net zero GHG planning. The GHG potential of each strategy will be modeled over time, considering all relevant variables, such as required regulations and policies, available funding, and, as applicable, implementation costs. Together, this suite of strategies for both community-wide and government operations GHG emissions reduction will be aggregated to illustrate pathways to net zero GHG emissions by 2050, with specific strategies prioritized in consideration of GHG emissions reduction potential and implementation timing.

WSP's approach to developing GHG mitigation strategies will also consider relevant co-benefits, including climate resilience and public health benefits, for example, from heat mitigation. Implementation for community strategies will require collaboration with third parties, including Fort Lauderdale business and institutions. As such, WSP will work with City staff to include input from stakeholders provided during Task 4.

WSP's analysis will include the setting of short-, medium-, and long-term science-based GHG reduction goals, to be developed in concert with the City staff. The goals, and associated initiatives, will build upon earlier tasks, as well as past and current city initiatives and plans. While goal development will consider current technology, WSP will identify those strategies that may need to rely on technologies not currently commercially available at scale, such as carbon removal. All assumptions used in WSP's analysis will be clearly identified.

WSP recognizes that actions will be varied and must be customized to meet Fort Lauderdale's existing conditions. Likely actions will include new policies, ordinances, and regulations, incentives and programs for community actions and government operations, and collaboration with third parties to support implementation of new programs. Proposed actions will be specific to government operations and community wide GHG emissions reduction.

The WSP team brings extensive technical capabilities across all sectors: buildings energy use, renewable energy procurement, VMT reduction planning, electric and low-carbon vehicle adoption, waste management, and wastewater treatment. The Net Zero Plan will include, at a minimum, consideration of the following strategies:

BUILDINGS ENERGY USE

- ▶ Set energy efficiency/GHG reduction standards and goals for new and existing buildings, in accordance with the 2021 Fort Lauderdale Net Zero Greenhouse Gas Emissions Policy.
- ▶ Develop incentives for energy conservation with consideration to local, state, and federal programs
- ▶ Decarbonize existing buildings through incentivizing all-electric building retrofit with the minimum requirement to align with the recently updated South Florida Building Code, LEED, and other guidance provided by the Florida Green Building Coalition.
- ▶ Consider requirements or incentives for all-electric new construction,
- ▶ Encourage the use of green materials such as recycled steel, bamboo, and reclaimed wood in construction; reduce waste through recycling and composting, and further alignment with Goal 1: Encouraging and Planning Green Building and Development
- ▶ Outline methods for monitoring and optimizing energy use in existing buildings.

RENEWABLE ENERGY PROCUREMENT

- ▶ Develop incentives for renewable energy generation, and streamline with existing renewable energy access programs such as PACE Financing and Broward Solar Coop.
- ▶ Consider actions to streamline permitting for onsite renewables.

ON-ROAD VEHICLE MILES TRAVELLED (VMT) REDUCTION

- ▶ Work with the City's Transportation and Mobility to integrate the City's *Connecting the Blocks* plan that identifies over 126 multimodal (pedestrian, bicycle, transit) projects. Also, leverage the City's *Vision Zero, Safe Streets for Fort Lauderdale* plan.
- ▶ Coordinate with Broward County's Mobility Advancement Program (MAP), a transportation surtax-funded effort with transit, and pedestrian infrastructure.
- ▶ Advance multimodal planning, capital programming, and implementation by leveraging federal funding for emission reduction from Inflation Reduction Act (IRA) and other sources.

ELECTRIC VEHICLE ADOPTION

- ▶ Identify opportunities for electric vehicle transportation infrastructure along major corridors, and within major people attractors- such as beaches and City parks, and with specific consideration to the 2017 Transportation Plan's Transit Orientation Index.
- ▶ Coordinate with the Broward Metropolitan Planning Organization on citywide and regional electric vehicle infrastructure connection.
- ▶ Leverage funding opportunities like the National Electric Vehicle Infrastructure (NEVI) Formula Program with estimated Florida DOT allocation of \$198M allocated over the next five years, or the competitive Discretionary grant Program for Charging and Fueling Infrastructure.

WASTE MANAGEMENT

- ▶ Advance zero waste policies and goals with respect to the 2011-2031 20-year target to meet zero waste.
- ▶ Increase recovery of organic and recyclable materials to divert waste from landfills.

WATER AND WASTEWATER TREATMENT

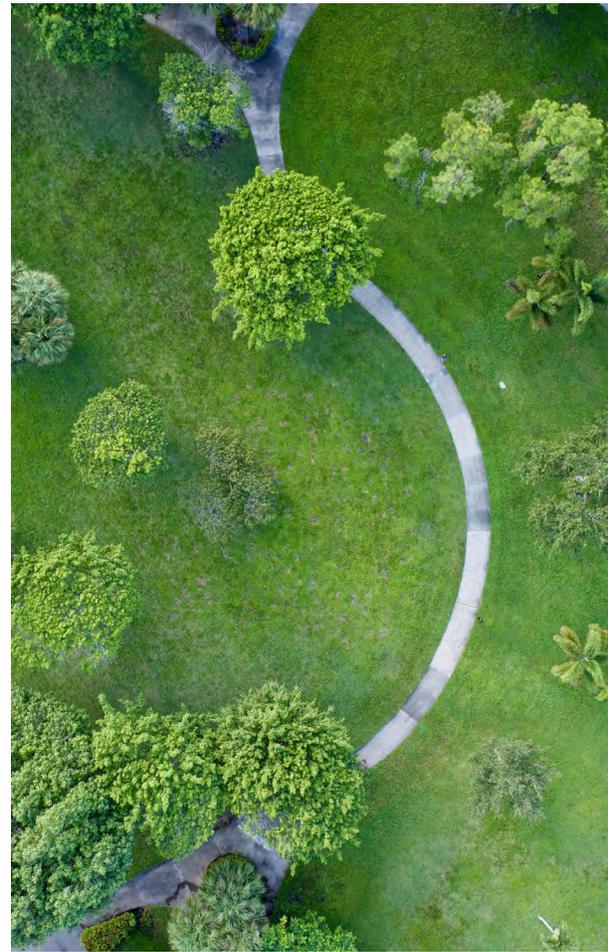
- ▶ Increase the capture and use of recycled water.
- ▶ Reduce water consumption for irrigation and landscaping, while incorporating the water conservation goals of the South Florida Water Management District Supply Plan.



MUNICIPAL STRATEGIES

- ▶ Adopt green construction standards for City projects to reduce embodied carbon and recycle and repurpose construction and demolition waste, and streamlining with recommendations provided in the Fast Forward Fort Lauderdale Design and Construction Manual
- ▶ Require new City buildings to be all-electric and retrofit existing buildings to be all-electric to meet the 2040 Net-Zero Goals for City-wide municipal operations.
- ▶ Install on-site renewable electricity generation on City government buildings,
- ▶ Electrify the City's vehicle fleet and invest in supporting charging infrastructure, per the 2040 Comprehensive Plan targets.
- ▶ Provide incentives for employees to use alternative modes of transit,
- ▶ Set zero waste policies for municipal operations,
- ▶ Reduce municipal water consumption, in accordance with the water supply plan.
- ▶ Investigate opportunities for municipal recycled water use,
- ▶ Increase tree canopy on City-owned land and right-of-way, with reference to the City Design and Construction Manual

For all GHG emissions sources, potential removal carbon offsets to addressing remaining emissions.



PRIORITIZATION FRAMEWORK

To support the development and implementation of the Net Zero Plan's strategies, WSP will develop a prioritization framework that incorporates each of the metrics presented in the RFP. In consultation with the the City staff, WSP will develop quantitative values for each metric, as applicable, and develop relative weighted values to allow for aggregate scoring and prioritization ranking. In addition to each of the metrics listed in the RFP, WSP will also include short-, mid-, and long-term GHG emissions mitigation potential.

Each of the draft plan's initiatives will include details to allow tracking of GHG emissions reductions over time. Details will include, at a minimum, baseline values, projected completion date, parties responsible for implementation (internal and external, as applicable), and any relevant implementation plan.

DRAFT NET ZERO PLAN STRUCTURE

WSP proposes to structure the draft Net Zero Plan as outlined in the RFP:

- ▶ Executive Summary
- ▶ Chapter 1 – Background
- ▶ Chapter 2 – Methods describes technical aspects of Plan development, describes the City's GHG emissions including its 2019 inventory, future year emissions forecasts under multiple scenarios, and sets interim GHG reduction targets; and recommended improvements to GHG methodology; prioritization framework for recommended actions.
- ▶ Chapter 3 – Roadmap to Net Zero Actions
- ▶ Chapter 4 – Monitoring Progress and Next Steps
- ▶ Appendix A – Action Prioritization Results
- ▶ Appendix B – Implementation Roadmap
- ▶ Appendix C – GHG Calculators and Inputs

IMPLEMENTATION PLAN

WSP recognizes that the development of a New Zero Plan is only of value with an accompanying comprehensive implementation plan that considers all facets of initiative implementation. The WSP team will work with City staff to develop an Implementation Plan for all recommended Net Zero Plan actions.

To allow for maximum likelihood of successful implementation, this plan will clearly lay out prioritized goals, specifying baselines, needed completion dates, performance measures to track initiative success, relevant recommendations for City budgetary support, other potential funding sources (e.g., state and federal funding resources), and a high level cost analysis of each initiatives costs and projected cost savings. Given time and budgetary limitations, detailed life cycle cost analysis will likely not be possible for every initiative. As such, WSP will endeavor to estimate costs and cost savings for the most impactful, highest priority initiatives.

Fort Lauderdale's Net Zero Plan must be accessible to all stakeholders to be successful. As such, the Implementation Plan, will be written in non-technical language, outlining clearly articulated goals and benefits. While the Plan will be drafted with maximum utility and impact in mind, WSP recognizes the need to clearly document and support all initiatives with quantitative and technical details in appendices or supplemental sections to ensure transparency and documentation of the data driven approach taken to the Plan's development.

WSP has significant recent experience designing city climate action plans. We will work closely with the City's project leads to develop all graphics, maps, and other information to ensure that the Plan's overarching goals and objective, and specific measures, and presented in a clear, easily digestible manner.

TASK 5 DELIVERABLES WILL INCLUDE:

1. Draft Table of contents with planned subsections for each chapter and appendices;
2. Draft Roadmap to Net Zero Plan and (3) Draft Appendices, in Microsoft Word, not to exceed 60 pages total.



TASK 6: PREPARE FINAL NET-ZERO PLAN

Following review of all relevant City staff, WSP will incorporate City staff feedback and recommendations to prepare the final draft Net-Zero Plan. The final draft plan will be presented in a clear and concise format, following the Brand Guidelines established in *Task 3 (pg. 40)*. Using plain language and illustrative charts and visuals, the plan will translate complex topics and analysis into an easily digestible narrative geared towards a general audience.

WSP will submit the final draft plan electronically in Microsoft Word and PDF formats for a final round of review by City staff. It is understood that the City Project Manager will coordinate the internal review process, distributing the draft plan to City staff, soliciting feedback, and consolidating all comments in one document. To accommodate the overall project timeline, WSP proposes two-week turnarounds for draft plan review and final plan review.

WSP will then incorporate this last round of feedback and recommendations to finalize the Net Zero Plan for publication. The Final Net Zero Plan will be delivered electronically in Microsoft Word and PDF formats, as well as 50 printed and bound hard copies.

WSP will then support the City Project Manager in preparing for the presentation of the plan to the Sustainability Advisory Board and City Commission. Support could include drafting staff reports, developing PowerPoint slide decks, and presentation or question and answer session facilitation. WSP plans to attend these meetings in-person and would work with the City Project Manager to identify the appropriate support role.

TASK 6 DELIVERABLES WILL INCLUDE:

- ▶ Final plan electronically in Microsoft Word and in PDF format for staff final review;
- ▶ Electronic copies in Word and in pdf format of the published Plan after final review;
- ▶ 50 printed and bound hard copies; and
- ▶ Presentations to the Sustainability Advisory Board and the City Commission.

Scheduling Methodology

WSP has developed the below timeline for completion of the City’s Net Zero Plan in a 180 day period (6 months). In our experience, 120 days (4 months) is a very aggressive timeline, given the critical need for stakeholder engagement and input. As such, WSP has proposed a 180 day timeline to ensure all project milestones are met.

Proposed Project Timeline

		Activities	KO	Kick-Off	#	Workshops	D1	First Draft	D1C	First Draft City Comments	FDC	Final Draft City Comments	PP	Published Plan											
Months from NTP	Weeks	Month 1				Month 2				Month 3				Month 4				Month 5				Month 6			
Calendar Days from NTP		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Task 1: Project Management																									
1. Monthly progress meetings (5 meetings)		KO																							
2. Prepare and maintain Project Management Portal																									
3. Request for Information (RFI) and Data Collection																									
Task 2: Existing Conditions & Emissions Modelling																									
1. Review relevant data, policies, and plans																									
2. Review, identify gaps with City's GHG inventory and its initiatives																									
3. GHG emissions modelling per sector, for future emission scenarios																									
4. Review and align with regional plans																									
Task 3: Branding																									
1. Develop branding strategy																									
2. Review and summarize existing brands																									
3. Recommendations to maximize engagement, co-branding																									
Task 4: Meetings and Stakeholder Input (in-person)																									
1. Internal workshop at kick-off																									
2. Internal stakeholder meetings (two 90 min meetings with small groups)																									
3. Community workshops (#1 community input, #2 plan finalization)																									
4. Stakeholder meetings (up to three 90 min meetings)																									
5. Project Website to plan and post updates																									
Task 5: Net Zero Plan DRAFT																									
1. Net zero plan																									
2. Prioritization framework, costs, timeline, prioritization metrics																									
3. Goals and initiatives short, medium, long-term																									
4. Implementation Plan																									
City review period																									
Task 6: Net ZeroPlan FINAL																									
1. Final Plan																									
2. Presentation: Sustainability Advi Board (SAB), City Commission (conf & regular)																									

Current Workload

Our proposed team is well-prepared to begin work on the Net Zero Plan for the City of Fort Lauderdale. Our unique blend of expertise and experience incorporates lessons learned and best practices from similar projects across the United States. We will collaborate with the City to develop cost-effective solutions that will protect citizens and infrastructure. Our vast experience has helped hundreds of clients tackle climate change challenges over the past two decades. We will advise the City in developing a Roadmap to Net Zero Plan that will identify pathways to achieve the City's net-zero greenhouse gas emissions goals within the ambitious schedule.

WSP's depth of professional resources across Florida having over 1,400 staff in the state, our 3rd-party audited quality processes, and a workforce approach proven scalable to match the need are all critical factors in delivering professional capacity. These advantages ensure we are positioned to manage concurrent, expedited and complex projects. WSP works constantly under contracts like this, where project needs range from dormant to urgent. In response, our staffing systems are designed to efficiently dedicate resources where needed at peak times, and shift them back to other programs when needs decrease. The chart below highlights WSP's key staff dedicated to this project with a proven ability to implement the scope of services required under this project.

	<p>Angie Xiong Project Manager</p> <ul style="list-style-type: none"> 13 years of experience in climate change and resilience, focused on GHG inventories, climate change policies, community/stakeholder engagement, and implementation planning in both a municipal and corporate context As an AICP-certified planner, supported over a dozen city, county, and special agencies in climate action and adaptation planning and sustainability strategy. 	<p>WSP Availability: 60% Years of Experience: 12 Date Available: NTP</p>
	<p>Catherine Prince, PMP, LEED AP STP + Deputy Project Manager</p> <ul style="list-style-type: none"> Former Fort Lauderdale staff and understands the City's processes and procedures Focused on transportation prioritization and adaptation strategies 	<p>WSP Availability: 70% Years of Experience: 18 Date Available: NTP</p>
	<p>Jon Dickinson Principal-in-Charge</p> <ul style="list-style-type: none"> Experienced in climate change mitigation, adaptation planning, GHG emissions measurement and reporting, and sustainability plan development and implementation GBCI-certified Urban Greenhouse Gas Inventory Specialist 	<p>WSP Availability: 60% Years of Experience: 21 Date Available: NTP</p>
	<p>Jeff Irvine Senior Advisor</p> <ul style="list-style-type: none"> GBCI-certified Urban Greenhouse Gas Inventory Specialist Leads the CRS goal- and target-setting practice area at WSP Directed the development of multiple SBTi-approved sciencebased targets and net-zero targets for Fortune 100 corporate clients 	<p>WSP Availability: 70% Years of Experience: 16 Date Available: NTP</p>
	<p>Rebecca Vanderbeck Senior Advisor</p> <ul style="list-style-type: none"> Involved in identification of climate change risks and opportunities Involved in development of greenhouse gas emissions inventories Has worked with clients developing sustainability programs Engaged with stakeholders on both municipal and private projects 	<p>WSP Availability: 70% Years of Experience: 22 Date Available: NTP</p>
	<p>Teresa Vangeli, PE, ENV SP, LEED AP Senior Advisor</p> <ul style="list-style-type: none"> Manages sustainable project design and certification, and provides sustainable guidance throughout WSP USGBC LEED BD+C accredited professional 	<p>WSP Availability: 70% Years of Experience: 33 Date Available: NTP</p>
	<p>Jenny Bankie Net Zero Plan Lead</p> <ul style="list-style-type: none"> Leads the development of greenhouse gas inventories, contributes to science-based target setting, strategic planning, supply chain engagement, embodied carbon analysis and reduction strategy 	<p>WSP Availability: 70% Years of Experience: 10 Date Available: NTP</p>
	<p>Rebecca Holzwarth Branding Lead</p> <ul style="list-style-type: none"> Adobe Certified Professional in Graphic Design and Illustration 28 years of experience in Graphic Design Specializes in corporate identity, sign manufacturing/production, branding and designing presentation material for print, multimedia projects and electronic material 	<p>WSP Availability: 70% Years of Experience: 28 Date Available: NTP</p>



Increased
Tree Canopy

These initiatives will be implemented citywide across a diverse range of neighborhoods, some of which are depicted in this image.

Look for illustrations like these throughout the plan for a glimpse into the future of NYC.

Active
Greenway
and Resilient
Waterfront

Plan

SECTION 4 References

Similar References

Our strong commitment to client service is reflected by our great references and our repeat clients, as well as our ability to be reselected for on-call contracts and individual projects. Below is a table with client contact information for projects with a similar scope as listed in this RFQ.

Government References					
Client/Project Name	Contact Information	Firm Contact	Year Completed	Construction Cost (Estimated/Actual)	Description of Work
New York City Economic Development Corporation, PlaNYC 2023 Strategic Climate Plan	Angela Wong Senior Policy Advisor, Mayors Office of Climate and Environmental Justice New York City Economic Development Corporation 253 Broadway, 14th Floor New York, NY 10007 212-346-5785 AWong@cityhall.nyc.gov	Jon Dickinson, WSP	2023	N/A	Modeled GHG emissions, mitigation and cobenefit impacts, Served as lead authors of the report, graphic design services
City of Chicago, Climate Action Plan	Angela Tovar Chief Sustainability Officer, Office of the Mayor City of Chicago 121 N La Salle St Ste 507, Chicago, IL 60602 312-744-9193 angela.tovar@cityofchicago.org	Elias Menninger, WSP	2022	N/A	Technical/ policy analysis across multiple climate/ sustainability sectors, tight schedule (4 months), technical analysis, policy development, decision making, report writing, visualizations, design, layout
City of Bethlehem, Climate Action Plan	Angela DelGrosso Stein Director of Mayor's Initiatives, City of Bethlehem 10 East Church Street, Bethlehem, PA 18018 610-997-7922 AStein@bethlehem-pa.gov	Jeff Irvine, WSP	2021	N/A	Plan development, Stakeholder /public engagement, Mitigation target setting, achievement roadmap, Climate vulnerability assessment, Statistically downscaled climate modeling to provide local projections

Resilience Hubs

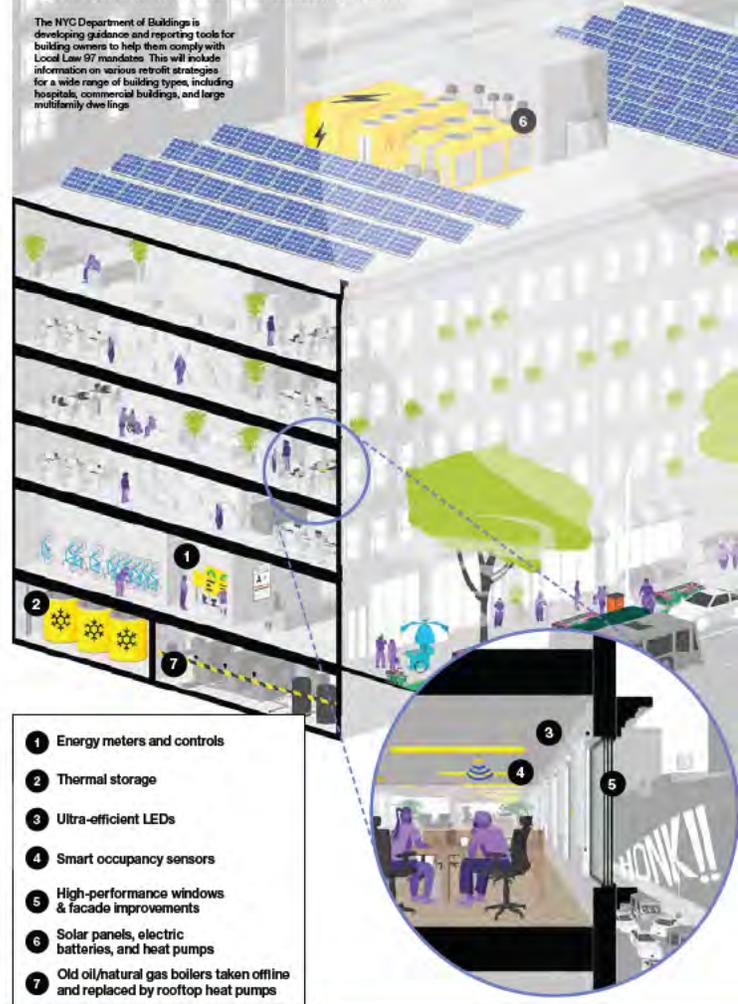
Resilience hubs are existing community spaces that are protected from climate hazards such as flooding and extreme heat.



Excerpt from PlaNYC 2023 Strategic Climate Plan

LOCAL LAW 97 RETROFIT IMPLEMENTATION EXAMPLES

The NYC Department of Buildings is developing guidance and reporting tools for building owners to help them comply with Local Law 97 mandates. This will include information on various retrofit strategies for a wide range of building types, including hospitals, commercial buildings, and large multifamily dwellings.



SECTION 5 Minority/Women (M/WBE) Participation

M/WBE Efforts

WSP's commitment to diversity and inclusion is a major part of our culture. We take pride in our ability to develop partnerships with a wide range of professional service firms from across the country and throughout Florida.

Our commitment to M/WBE owned business enterprises extends beyond project requirements of meeting utilization goals. We strive for meaningful partnerships and relationships and creating opportunities on an ongoing basis to ensure small/minority/women/disadvantaged businesses get a fair share and grow their business.

Our commitment to providing opportunities to these businesses' stems, not only from our desire to meet or exceed our clients' goals, but from a belief that the use of such businesses helps us to fulfill our guiding principles of being locally dedicated with an international scale and fostering collaboration in everything we do. In sum, commitment to diversity furthers our mission of providing services to transform the built environment and restore the natural environment.

OUR COMMITMENT

*Committed to M/WBE Firms
and the Community*

We provide meaningful opportunities and enable maximum participation when subconsultants are needed by:

- Providing supportive services for emerging small/minority business firms
- Supporting achievement of the City's minority/women owned firms participation goals
- Establishing coaching components that help meet their development goals
- Assisting minority/women owned firms with each project step to set and satisfy goals throughout the course of a contract



**CHICAGO WILL
REDUCE ITS
CARBON
FOOTPRINT** BY **62%**
BY **2040**



Chicago's 2022 CAP Centers On Equity

To better serve communities that disproportionately experience the chronic stress of the changing climate and the shocks of extreme weather events, the 2022 CAP anchors all climate strategies with the objective to create a more just and equitable city. Alongside aggressive carbon emission reduction investments, governments must invest in climate actions that address and prevent furthering the legacy of social injustices in frontline and overburdened communities.

Co-benefits

Economic inclusion and savings



Reduced Pollution Burden



Equitable access to critical infrastructure



Community health and resiliency



2017 GHG Emissions

31M metric tons CO₂ equivalent total

69% buildings

24% transportation

7% waste

Progress for the People

- Expand use of commuter benefits
- Install 5 megawatts of co-owned community solar projects

- Establish a robust outdoor air quality monitoring network
- Strengthen policies that support green roofs, walls, trees, and other vegetative cover
- Introduce community-wide organic waste collection

- Increase Chicago-based community renewables to 20 megawatts
- Ensure 150 megawatts of energy storage

- Resource community-led climate infrastructure projects
- Integrate community resilience and climate justice criteria into department-level strategic planning and annual budget setting

Build Scale and Capacity

- Retrofit residential and industrial buildings
- Increase community renewables subscriptions

- Increase Divvy and shared micromobility trips
- Update land use policies to encourage sustainable development, accessibility, and street safety

- Aggregate clean renewable energy in proximity to Chicago
- Support equitable electrification of ride hail and taxi fleets

- Develop a fossil-fuel plants transition strategy
- Increase CTA ridership

BUSINESS AS USUAL

2022 CAP TRAJECTORY

Achieve and Exceed Targets

- Retrofit City-owned, sister agency-owned, and commercial buildings

- Achieve building electrification targets
- Enable 100% electrification of delivery fleets
- Electrify the City's fleet
- Divert 90% of residential waste

- Enable 2,500 new public passenger electric vehicle charging stations
- Achieve 100% clean renewable energy community-wide
- Encourage 3,000 megawatts of new energy demand reduction

- Enable Chicagoans to walk, bike, take transit, or use shared micromobility for 45% of all trips

2017

2025

2030

2035

2040

Excerpt from City of Chicago, Climate Action Plan

**SECTION 6
Subcontractors**



Identification of Subcontractors

Given the proposed 6-month quick turn around, WSP believes we can be a "one-stop shop" for this project.

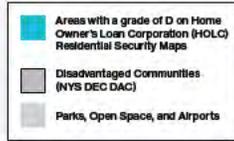
WSP is a leading technical firm for developing Net Zero pathways and roadmap for agencies, as well as, for private entities in the United States. Team members have worked with various agencies of similar size as the City of Fort Lauderdale, as well as larger Cities and transportation agencies.

WSP team members have knowledge of the local stakeholders and local challenges with implementation. WSP's Deputy Project Manager **Catherine Prince** is experienced in engaging with the local community and stakeholders.

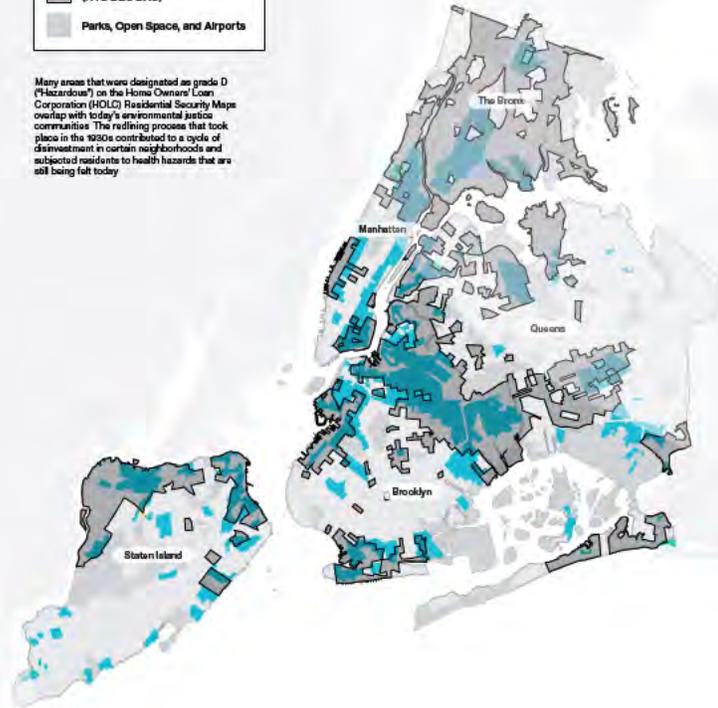
Finally, WSP is committed to delivering the project within the proposed 6-month timeline and within the \$150K not-to-exceed budget. For the reasons noted, WSP did not team with other firms for this project.



INFLUENCE OF REDLINING ON PRESENT DAY ENVIRONMENTAL JUSTICE COMMUNITIES



Many areas that were designated as grade D ("Hazardous") on the Home Owner's Loan Corporation (HOLC) Residential Security Maps overlap with today's environmental justice communities. The redlining process that took place in the 1930s contributed to a cycle of disinvestment in certain neighborhoods and subjected residents to health hazards that are still being felt today.



Source: New York State Department of Environmental Conservation, 2020

0 Miles N

Excerpt from PlaNYC 2023 Strategic Climate Plan

SECTION 7

Required Forms



Proposal Certification

CITY OF FORT LAUDERDALE BID/PROPOSAL CERTIFICATION

Please Note: It is the sole responsibility of the bidder/proposer to ensure that their response is submitted electronically through the [City's on-line strategic sourcing platform](#) prior to the bid opening date and time listed. Paper bid submittals will not be accepted. All fields below must be completed. If the field does not apply to you, please note N/A in that field.

If you are a foreign corporation, you may be required to obtain a certificate of authority from the department of state, in accordance with Florida Statute §607.1501 (visit <http://www.dos.state.fl.us/>).

Company: (Legal Registration) WSP USA Inc. EIN (Optional): 11-1531569

Address: One Penn Plaza, 4th Floor

City: New York State: NY Zip: 10119

Telephone No.: 212-465-5789 FAX No.: N/A Email: jonathan.dickinson@wsp.com

Delivery: Calendar days after receipt of Purchase Order (section 1.02 of General Conditions): 180 days

Total Bid Discount (section 1.05 of General Conditions): N/A

Check box if your firm qualifies for DBE (section 1.09 of General Conditions):

ADDENDUM ACKNOWLEDGEMENT - Proposer acknowledges that the following addenda have been received and are included in the proposal:

<u>Addendum No.</u>	<u>Date Issued</u>						
<u>1</u>	<u>6/9/23</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>						
<u> </u>	<u> </u>						

VARIANCES: If you take exception or have variances to any term, condition, specification, scope of service, or requirement in this competitive solicitation you must specify such exception or variance in the space provided below or reference in the space provided below all variances contained on other pages within your response. Additional pages may be attached if necessary. No exceptions or variances will be deemed to be part of the response submitted unless such is listed and contained in the space provided below. The City does not, by virtue of submitting a variance, necessarily accept any variances. If no statement is contained in the below space, it is hereby implied that your response is in full compliance with this competitive solicitation. If you do not have variances, simply mark N/A.

WSP requests the opportunity to discuss, negotiate and agree to mutually agreeable terms that reflect reasonable, customary, and industry standards.

The below signatory hereby agrees to furnish the following article(s) or services at the price(s) and terms stated subject to all instructions, conditions, specifications addenda, legal advertisement, and conditions contained in the bid/proposal. I have read all attachments including the specifications and fully understand what is required. By submitting this signed proposal, I will accept a contract if approved by the City and such acceptance covers all terms, conditions, and specifications of this bid/proposal. The below signatory also hereby agrees, by virtue of submitting or attempting to submit a response, that in no event shall the City's liability for respondent's direct, indirect, incidental, consequential, special or exemplary damages, expenses, or lost profits arising out of this competitive solicitation process, including but not limited to public advertisement, bid conferences, site visits, evaluations, oral presentations, or award proceedings exceed the amount of Five Hundred Dollars (\$500.00). This limitation shall not apply to claims arising under any provision of indemnification or the City's protest ordinance contained in this competitive solicitation.

Submitted by:

Jonathan Dickinson
Name (printed)



Signa

6/13/2023
Date

vice President
Title

Cost Proposal

SECTION VI - COST PROPOSAL PAGE

Proposer Name: WSP USA Inc.

Proposer agrees to supply the products and services at the prices bid/proposed below in accordance with the terms, conditions and specifications contained in this RFP.

Cost to the City: Contractor shall quote firm, fixed, costs for all services/products identified in this request for proposal. These firm fixed costs for the project include any costs for travel and miscellaneous expenses. No other costs will be accepted.

Notes:

Attach a breakdown of all costs by task, including but not limited to staff time and hours per task broken out by job titles. Labor breakdown shall include titles, hourly rates, and hours assigned per task.

1. Task 1 – Project Management Subtotal:	\$ <u>10,760.00</u>
2. Task 2 - Existing Conditions Review & Emissions Modelling Subtotal:	\$ <u>20,410.00</u>
3. Task 3 – Branding Subtotal:	\$ <u>14,354.20</u>
4. Task 4 – Meetings and Stakeholder Input Subtotal:	\$ <u>37,643.33</u>
5. Task 5 – Prepare Draft Net Zero Plan Subtotal:	\$ <u>44,519.66</u>
6. Task 6 – Prepare Final Net Zero Plan Subtotal:	\$ <u>19,702.56</u>
Expenses - Printing Costs, Travel Expenses	\$ <u>2,609.25</u>
Total Roadmap to Net Zero Plan Project Cost	\$ <u>149,999.00</u>

Submitted by:

Jonathan Dickinson
Name (printed)

6/13/2023
Date



Vice President
Title

Cost Proposal

Titles, Hourly Rates and Allocated Hours per Task				Jon Dickinson	Angie Xiong	Carherine Prince	Elias Me ninger	Jeff Irvine	Osamu Ts da	Je ny Bankie	Teresa Vangeli	Kynan Witters Hicks	Rebecca Van erbeck	Rebecca Holzwarth	Alec Lovelli	Allyson Powers	Ben Rudolph	Lauren Padron	Celina Semaan	
				Pr nc pal-in-charge	Project Manager	Deputy Project Manager	Net Zero Plan Support	Senio Advisor	Net Zero Plan Support	Net Zero Plan Lead	Sen or Advisor	Net Ze o Plan Support	Senio Adviso	Branding Lead	Branding & Design Support	Website Lead	Website support	Community Workshop Support	Community Workshop Support	
	Total Hours/ task	Hourly Rate	Cost per task																	
Task 1: Project Management																				
1. Monthly progress meetings (5 meetings)	36		\$7,480.00	8	10	8				5		5								
2. Prepare and maintain Project Management Portal	10		\$2,050.00		10															
3. Request for Information (RFI) and Data Collection	6		\$1,230.00		6															
<i>Deliverables: Meeting agenda & minutes, Memo with PMP & timeline, RFI.</i>																				
Task 2: Existing Conditions Review & Emissions Modelling																				
1. Review relevant data, policies, and plans	16	\$182.23	\$2,680.00			4	12													
2. Review, identify gaps with City's GHG inventory and its initiatives	28		\$5,340.00	4	12				12											
3. GHG emissions modelling per sector, for future emission scenarios	56		\$10,430.00	4	12			5	20	15										
4. Review and align with regional plans	12		\$1,960.00		2		10													
<i>Deliverables: Memo with collected data, GHG inventory & modelling</i>																				
Task 3: Branding																				
1. Develop branding strategy	32	\$136.71	\$4,655.12		2									10	20					
2. Review and summarize existing brands	35		\$4,255.68											5	30					
3. Recommendations to maximize engagement, co-branding	38		\$5,443.40	1	2									10	25					
<i>Deliverables: Memo with branding strategies, branding materials</i>																				
Task 4: Meetings and Stakeholder Input (in-person)																				
1. Internal workshop at kick-off	5	\$154.91	\$1,015.00	1	1	1				1		1								
2. Internal stakeholder meetings (two 90 min meetings with small groups)	27		\$5,035.00		5	12			10											
3. Community workshops (#1 community input, #2 plan finalization)	130		\$19,584.92	2	20	36			6	6				10				25	25	
4. Stakeholder meetings (up to three 90 min meetings)	24		\$4,920.00		6	18														
5. Project Website to plan and post updates	57		\$7,088.41		2										15	40				
<i>Deliverables: Meeting agenda and minutes, project website</i>																				
Task 5: Net Zero Plan DRAFT																				
1. Net zero plan	60	\$187.06	\$10,783.28	4	12	4						35			5					
2. Prioritization framework, costs, timeline, prioritization metrics	74		\$14,105.69	4	15	4		5	24	14	4									
3. Goals and initiatives short, medium, long-term	56		\$10,715.69	4	10	4	25	5			4				4					
4. Implementation Plan	48		\$8,915.00	4	10	4	25	5												
<i>Deliverables: Table of contents, draft roadmap to Net Zero plan, appendices</i>																				
Task 6: Net ZeroPlan FINAL																				
1. Final Plan	72	\$273.65	\$19,702.56	4	8	5	10		10	10		10		5	10					
2. Presentation: Sustainability Advi Board (SAB), City Commission (conf & regular)	23		\$4,795.00	4	10	5				2		2								
Expenses																				
Printing Cost			\$609.25																	
Travel Expenses (PM, three in-person trips)			\$2,000.00		\$2,000															
Total Hours		822		44	155	105	82	20	82	53	8	53	8	30	100	15	40	25	25	
Total Cost			\$149,999.00																	

Non-Collusion Statement



NON-COLLUSION STATEMENT

By signing this offer, the vendor/contractor certifies that this offer is made independently and *free* from collusion. Vendor shall disclose below any City of Fort Lauderdale, FL officer or employee, or any relative of any such officer or employee who is an officer or director of, or has a material interest in, the vendor's business, who is in a position to influence this procurement.

Any City of Fort Lauderdale, FL officer or employee who has any input into the writing of specifications or requirements, solicitation of offers, decision to award, evaluation of offers, or any other activity pertinent to this procurement is presumed, for purposes hereof, to be in a position to influence this procurement.

For purposes hereof, a person has a material interest if they directly or indirectly own more than 5 percent of the total assets or capital stock of any business entity, or if they otherwise stand to personally gain if the contract is awarded to this vendor.

In accordance with City of Fort Lauderdale, FL Policy and Standards Manual, 6.10.8.3,

3.3. City employees may not contract with the City through any corporation or business entity in which they or their immediate family members hold a controlling financial interest (e.g., ownership of five (5) percent or more).

3.4. Immediate family members (spouse, parents, and children) are also prohibited from contracting with the City subject to the same general rules.

Failure of a vendor to disclose any relationship described herein shall be reason for debarment in accordance with the provisions of the City Procurement Code.

<u>NAME</u>	<u>RELATIONSHIPS</u>
N/A	N/A

In the event the vendor does not indicate any names, the City shall interpret this to mean that the vendor has indicated that no such relationships exist.

<hr style="border: 0; border-top: 1px solid black; margin-bottom: 5px;"/> Jonathan Dickinson Name (Printed)	Vice President <hr style="border: 0; border-top: 1px solid black; margin-bottom: 5px;"/> Title 6/13/2023 <hr style="border: 0; border-top: 1px solid black; margin-bottom: 5px;"/> Date
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Rev 09-2022

Non-Discrimination Certification Form



CONTRACTOR'S CERTIFICATE OF COMPLIANCE WITH NON-DISCRIMINATION PROVISIONS OF THE CONTRACT

The completed and signed form should be returned with the Contractor's submittal. If not provided with submittal, the Contractor must submit within three business days of City's request. Contractor may be deemed non-responsive for failure to fully comply within stated timeframes.

Pursuant to City Ordinance Sec. 2-17(a)(i)(ii), bidders must certify compliance with the Non-Discrimination provision of the ordinance.

- A. Contractors doing business with the City shall not discriminate against their employees based on the employee's race, color, religion, gender (including identity or expression), marital status, sexual orientation, national origin, age, disability, or any other protected classification as defined by applicable law.

Contracts. Every Contract exceeding \$100,000, or otherwise exempt from this section shall contain language that obligates the Contractor to comply with the applicable provisions of this section.

The Contract shall include provisions for the following:

- (i) The Contractor certifies and represents that it will comply with this section during the entire term of the contract.
- (ii) The failure of the Contractor to comply with this section shall be deemed to be a material breach of the contract, entitling the City to pursue any remedy stated below or any remedy provided under applicable law.

Jonathan Dickinson, Vice President

Print Name and Title

6/13/2023

Date

Local Business Preference (LBP)



LOCAL BUSINESS PREFERENCE

Section 2-199.2, Code of Ordinances of the City of Fort Lauderdale, (Ordinance No. C-12-04), provides for a local business preference.

In order to be considered for a local business preference, a bidder must include the Local Business Preference Certification Statement of this ITB, as applicable to the local business preference class claimed **at the time of bid submittal**.

Upon formal request of the City, based on the application of a Local Business Preference the Bidder shall, within ten (10) calendar days, submit the following documentation to the Local Business Preference Class claimed:

- A) Copy of City of Fort Lauderdale current year business tax receipt, **or** Broward County current year business tax receipt, **and**
- B) List of the names of all employees of the bidder and evidence of employees' residence within the geographic bounds of the City of Fort Lauderdale or Broward County, as the case may be, such as current Florida driver license, residential utility bill (water, electric, telephone, cable television), or other type of similar documentation acceptable to the City.

Failure to comply at time of bid submittal shall result in the bidder being found ineligible for the local business preference.

THE COMPLETE LOCAL BUSINESS PREFERENCE ORDINANCE MAY BE FOUND ON THE CITY'S WEB SITE AT THE FOLLOWING LINK:

https://library.municode.com/fl/fort_lauderdale/codes/code_of_ordinances?nodemd=COOR_CH2_AD_ARTVFI_DIV2PR_S2-186LOBUPR

Definitions: The term "Business" shall mean a person, firm, corporation or other business entity which is duly licensed and authorized to engage in a particular work in the State of Florida. Business shall be broken down into four (4) types of classes:

1. Class A Business – shall mean any Business that has established and agrees to maintain a permanent place of business located in a non-residential zone and staffed with full-time employees within the limits of the City **and** shall maintain a staffing level of the prime contractor for the proposed work of at least fifty percent (50%) who are residents of the City.
2. Class B Business - shall mean any Business that has established and agrees to maintain a permanent place of business located in a non-residential zone and staffed with full-time employees within the limits of the City **or** shall maintain a staffing level of the prime contractor for the proposed work of at least fifty percent (50%) who are residents of the City.
3. Class C Business - shall mean any Business that has established and agrees to maintain a permanent place of business located in a non-residential zone **and** staffed with full-time employees within the limits of Broward County.
4. Class D Business – shall mean any Business that does not qualify as either a Class A, Class B, or Class C business.

Local Business Preference (LBP)



LOCAL BUSINESS PREFERENCE CERTIFICATION STATEMENT

The Business identified below certifies that it qualifies for the local business price preference classification as indicated herein, and further certifies and agrees that it will re-affirm its local preference classification annually no later than thirty (30) calendar days prior to the anniversary of the date of a contract awarded pursuant to this ITB. Violation of the foregoing provision may result in contract termination.

- (1) _____ is a **Class A** Business as defined in City of Fort Lauderdale Ordinance No. C-17-26, Sec.2-186. A copy of the City of Fort Lauderdale current year Business Tax Receipt **and** a complete list of full-time employees and evidence of their addresses shall be provided within 10 calendar days of a formal request by the City.
Business Name
- (2) _____ is a **Class B** Business as defined in the City of Fort Lauderdale Ordinance No. C-17-26, Sec.2-186. A copy of the Business Tax Receipt **or** a complete list of full-time employees and evidence of their addresses shall be provided within 10 calendar days of a formal request by the City.
Business Name
- (3) WSP USA Inc. is a **Class C** Business as defined in the City of Fort Lauderdale Ordinance No. C-17-26, Sec.2-186. A copy of the Broward County Business Tax Receipt shall be provided within 10 calendar days of a formal request by the City.
Business Name
- (4) _____ requests a **Conditional Class A** classification as defined in the City of Fort Lauderdale Ordinance No. C-17-26, Sec.2-186. Written certification of intent shall be provided within 10 calendar days of a formal request by the City.
Business Name
- (5) _____ requests a **Conditional Class B** classification as defined in the City of Fort Lauderdale Ordinance No. C-17-26, Sec.2-186. Written certification of intent shall be provided within 10 calendar days of a formal request by the City.
Business Name
- (6) _____ is considered a **Class D** Business as defined in the City of Fort Lauderdale Ordinance No. C-17-26, Sec.2-186 and does not qualify for Local Preference consideration.
Business Name

BIDDER'S COMPANY: WSP USA Inc.

AUTHORIZED COMPANY PERSON: Jonathan Dickinson
PRINT NAME

6/13/2023
DATE

Disadvantaged Business Enterprise Preference (DBEP)



DISADVANTAGED BUSINESS ENTERPRISE (DBE) PREFERENCE

Section 2-185, Code of Ordinances of the City of Fort Lauderdale, provides for a disadvantaged business preference.

In order to be considered for a DBE Preference, a bidder must include a certification from a government agency, as applicable to the DBE Preference class claimed **at the time of bid submittal**.

Upon formal request of the City, based on the application of a DBE Preference the Bidder shall, within ten (10) calendar days, submit the following documentation to the DBE Class claimed:

- A) Copy of City of Fort Lauderdale current year business tax receipt, **or** Broward County current year business tax receipt, **or** State of Florida active registration **and/or**
- B) List of the names of all employees of the bidder and evidence of employees' residence within the geographic bounds of the City of Fort Lauderdale or Broward County, as the case may be, such as current Florida driver license, residential utility bill (water, electric, telephone, cable television), or other type of similar documentation acceptable to the City.

Failure to comply at time of bid submittal shall result in the bidder being found ineligible for the disadvantaged business preference.

THE COMPLETE DBE PREFERENCE ORDINANCE MAY BE FOUND ON THE CITY'S WEB SITE AT THE FOLLOWING LINK: <https://www.fortlauderdale.gov/home/showpublisheddocument?id=56883>

Definitions

- a. The term "disadvantaged class 1 enterprise" shall mean any disadvantaged business enterprise that has established and agrees to maintain a permanent place of business located in a non-residential zone, staffed with full-time employees within the limits of the city, and provides supporting documentation of its City of Fort Lauderdale business tax and disadvantaged certification as established in the City's Procurement Manual.
- b. The term "disadvantaged class 2 enterprise" shall mean any disadvantaged business enterprise that has established and agrees to maintain a permanent place of business within the limits of the city with a full-time employees and provides supporting documentation of its City of Fort Lauderdale business tax and disadvantaged certification as established in the City's Procurement Manual.
- c. The term "disadvantaged class 3 enterprise" shall mean any disadvantaged business enterprise that has established and agrees to maintain a permanent place of business located in a non-residential zone, staffed with full-time employees within the limits of the Tri-County area and provides supporting documentation of its City of Fort Lauderdale business tax and disadvantaged certification as established in the City's Procurement Manual.
- d. The term "disadvantaged class 4 enterprise" shall mean any disadvantaged business enterprise that does not qualify as a Class A, Class B, or Class C business, but is located in the State of Florida and provides supporting documentation of its disadvantaged certification as established in the City's Procurement Manual.

Disadvantaged Business Enterprise Preference (DBEP)



DISADVANTAGED BUSINESS ENTERPRISE CERTIFICATION STATEMENT

The Business identified below certifies that it qualifies for the disadvantaged business enterprise price preference classification as indicated herein, and further certifies and agrees that it will re-affirm its preference classification annually no later than thirty (30) calendar days prior to the anniversary of the date of a contract awarded pursuant to this solicitation. Violation of the foregoing provision may result in contract termination.

- (1) _____ is a disadvantaged class 1 enterprise as defined in the City of Fort Lauderdale Ordinance Section 2-185 disadvantaged business enterprise that has established and agrees to maintain a permanent place of business located in a non-residential zone, staffed with full-time employees within the limits of the city, and provides supporting documentation of its City of Fort Lauderdale business tax and disadvantaged certification as established in the City's Procurement Manual.

Business Name

- (2) _____ is a disadvantaged class 2 enterprise as defined in the City of Fort Lauderdale Ordinance Section 2-185 disadvantaged business enterprise that has established and agrees to maintain a permanent place of business within the limits of the city with a full-time employee(s) and provides supporting documentation of its City of Fort Lauderdale business tax and disadvantaged certification as established in the City's Procurement Manual.

Business Name

- (3) _____ is a disadvantaged class 3 enterprise as defined in the City of Fort Lauderdale Ordinance Section 2-185 disadvantaged business enterprise that has established and agrees to maintain a permanent place of business located in a non-residential zone, staffed with full-time employees within the limits of the Tri-County area and provides supporting documentation of its City of Fort Lauderdale business tax and disadvantaged certification as established in the City's Procurement Manual.

Business Name

- (4) _____ is a disadvantaged class 4 enterprise as defined in the City of Fort Lauderdale Ordinance Section 2-185 disadvantaged business enterprise that does not qualify as a Class A, Class B, or Class C business, but is located in the State of Florida and provides supporting documentation of its disadvantaged certification as established in the City's Procurement Manual.

Business Name

- (5) _____ is not considered a Disadvantaged Enterprise Business as defined in the City of Fort Lauderdale Ordinance Sec.2-185 and does not qualify for DBE Preference consideration.

WSP USA Inc.

Business Name

BIDDER'S COMPANY: WSP USA Inc.

AUTHORIZED COMPANY PERSON: Jonathan Dickinson
PRINT NAME

6/13/2023
DATE

Contract Payment Method



CONTRACT PAYMENT METHOD

The City of Fort Lauderdale has implemented a Procurement Card (P-Card) program which changes how payments are remitted to its vendors. The City has transitioned from traditional paper checks to credit card payments via MasterCard or Visa as part of this program.

This allows you as a vendor of the City of Fort Lauderdale to receive your payments fast and safely. No more waiting for checks to be printed and mailed.

In accordance with the contract, payments on this contract will be made utilizing the City's P-Card (MasterCard or Visa). Accordingly, bidders must presently have the ability to accept the credit card or take whatever steps necessary to implement acceptance of a card before the start of the contract term, or contract award by the City.

All costs associated with the Contractor's participation in this purchasing program shall be borne by the Contractor. The City reserves the right to revise this program as necessary.

By signing below, you agree with these terms.

Please indicate which credit card payment you prefer:

MasterCard

Visa

WSP USA Inc.

Company Name

Jonathan Dickinson

Name (Printed)

Vice President

Title

6/13/2023

Date

E-Verify Affirmation Statement



E-VERIFY AFFIRMATION STATEMENT

Solicitation/Bid /Contract No: Solicitation Event 95

Project Description: Net Zero Plan for the City of Fort Lauderdale

Contractor/Proposer/Bidder acknowledges and agrees to utilize the U.S. Department of Homeland Security's E-Verify System to verify the employment eligibility of,

- A. all persons employed by Contractor/Proposer/Bidder to perform employment duties within Florida during the term of the Contract, and,
- B. all persons (including subcontractors/vendors) assigned by Contractor/Proposer/Bidder to perform work pursuant to the Contract.

The Contractor/Proposer/Bidder acknowledges and agrees that use of the U.S. Department of Homeland Security's E-Verify System during the term of the Contract is a condition of the Contract.

Contractor/Proposer/ Bidder Company Name: WSP USA Inc.

Authorized Company Person's Signature: 

Authorized Company Person's Title: Vice President

Date: 6/13/2023

Sample Insurance Certificate



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
4/29/2022

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Arthur J. Gallagher Risk Management Services, Inc. 250 Park Avenue, 5th Floor New York NY 10177	CONTACT NAME: AJG Service Team	
	PHONE (A/C. No. Ext): 212-994-7100	FAX (A/C. No): 212-994-7047
E-MAIL ADDRESS: GGB.WSPUS.CERTREQUESTS@AJG.COM		
INSURER(S) AFFORDING COVERAGE		NAIC #
INSURER A : Liberty Insurance Corporation		42404
INSURER B : Zurich American Insurance Company		16535
INSURER C :		
INSURER D :		
INSURER E :		
INSURER F :		

COVERAGES **CERTIFICATE NUMBER:** 267002313 **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
B	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:			GLO 9835819-09	5/1/2022	5/1/2023	EACH OCCURRENCE \$ 3,500,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 100,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 3,500,000 GENERAL AGGREGATE \$ 7,500,000 PRODUCTS - COMP/OP AGG \$ 3,500,000 \$
A	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS NON-OWNED AUTOS ONLY <input type="checkbox"/> HIRED AUTOS ONLY			AS7-621-094060-032	5/1/2022	5/1/2023	COMBINED SINGLE LIMIT (Ea accident) \$ 5,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
	<input type="checkbox"/> UMBRELLA LIAB <input type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$						EACH OCCURRENCE \$ AGGREGATE \$ \$
A A A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below			WA7-62D-094060-012 WA7-62D-094060-982 WA7-62D-095609-072 WC7-621-094060-912	5/1/2022 5/1/2022 5/1/2022 5/1/2022	5/1/2023 5/1/2023 5/1/2023 5/1/2023	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 2,000,000 E.L. DISEASE - EA EMPLOYEE \$ 2,000,000 E.L. DISEASE - POLICY LIMIT \$ 2,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
THIRTY (30) DAYS NOTICE OF CANCELLATION.

CERTIFICATE HOLDER

CANCELLATION

As A Matter of Record	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE
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W-9 for Proposing Firm

Form **W-9**
(Rev. October 2018)
Department of the Treasury
Internal Revenue Service

Request for Taxpayer Identification Number and Certification

Give Form to the requester. Do not send to the IRS.

▶ Go to www.irs.gov/FormW9 for instructions and the latest information.

Print or type. See Specific Instructions on page 3.

<p>1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank. WSP USA INC.</p> <p>2 Business name/disregarded entity name, if different from above</p> <p>3 Check appropriate box for federal tax classification of the person whose name is entered on line 1. Check only one of the following seven boxes.</p> <p><input type="checkbox"/> Individual/sole proprietor or single-member LLC</p> <p><input checked="" type="checkbox"/> C Corporation</p> <p><input type="checkbox"/> S Corporation</p> <p><input type="checkbox"/> Partnership</p> <p><input type="checkbox"/> Trust/estate</p> <p><input type="checkbox"/> Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=Partnership) ▶ _____</p> <p>Note: Check the appropriate box in the line above for the tax classification of the single-member owner. Do not check LLC if the LLC is classified as a single-member LLC that is disregarded from the owner unless the owner of the LLC is another LLC that is not disregarded from the owner for U.S. federal tax purposes. Otherwise, a single-member LLC that is disregarded from the owner should check the appropriate box for the tax classification of its owner.</p> <p><input type="checkbox"/> Other (see instructions) ▶ _____</p> <p>5 Address (number, street, and apt. or suite no.) See instructions. One Penn Plaza, 4th Floor</p> <p>6 City, state, and ZIP code New York, NY 10119</p> <p>7 List account number(s) here (optional)</p>	<p>4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3):</p> <p>Exempt payee code (if any) <u>5</u></p> <p>Exemption from FATCA reporting code (if any) _____</p> <p><small>(Applies to accounts maintained outside the U.S.)</small></p> <p>Requester's name and address (optional)</p>
---	---

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the instructions for Part I, later. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN*, later.

Note: If the account is in more than one name, see the instructions for line 1. Also see *What Name and Number To Give the Requester* for guidelines on whose number to enter.

Social security number	
[] [] [] - [] [] - [] [] [] []	
or	
Employer identification number	
1 1 - 1 5 3 1 5 6 9	

Part II Certification

Under penalties of perjury, I certify that:

- The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
- I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
- I am a U.S. citizen or other U.S. person (defined below); and
- The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions for Part II, later.

Sign Here	Signature of U.S. person ▶	Date ▶ 01/01/2023
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General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Future developments. For the latest information about developments related to Form W-9 and its instructions, such as legislation enacted after they were published, go to www.irs.gov/FormW9.

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following.

- Form 1099-INT (interest earned or paid)

- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)
- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
- Form 1099-C (canceled debt)
- Form 1099-A (acquisition or abandonment of secured property)

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See *What is backup withholding*, later.

Active Status Page from Division of Corporations - Sunbiz.org



Department of State / Division of Corporations / Search Records / Search by Entity Name /

Previous On List Next On List Return To List

Events Name History

Detail by Entity Name

Foreign Profit Corporation
WSP USA INC.

Filing Information

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State	NY
Status	ACTIVE
Last Event	NAME CHANGE AMENDMENT
Event Date Filed	05/02/2017
Event Effective Date	NONE

Principal Address

One Penn Plaza
4th Floor
New York, NY 10119

Changed: 03/07/2023

Mailing Address

One Penn Plaza
4th Floor
New York, NY 10119

Changed: 03/07/2023

Registered Agent Name & Address

CT CORPORATION SYSTEM
1200 S. PINE ISLAND ROAD
PLANTATION, FL 33324

Name Changed: 07/02/1992

Address Changed: 07/02/1992

Officer/Director Detail

Name & Address

Title Secretary

Jassey, Hillary F.
One Penn Plaza
4th Floor
New York, NY 10119

Title President/CEO

McNeilly, Bernard P.
One Penn Plaza
4th Floor
New York, NY 10119

Title Director

Bonz, Gregory P.
One Penn Plaza
4th Floor
New York, NY 10119

Title Director

McNeilly, Bernard P.
One Penn Plaza
4th Floor
New York, NY 10119

Title Director

Warren, Mark
One Penn Plaza
4th Floor
New York, NY 10119

Title Treasurer

Esposito, Andrew C.
One Penn Plaza
4th Floor
New York, NY 10119

Title VP

Lynn, Andrew J.
One Penn Plaza
4th Floor
New York, NY 10119

Title VP

Reed, Kevin B.
One Penn Plaza
4th Floor
New York, NY 10119

Title Director

Odeh, David J.
One Penn Plaza
4th Floor
New York, NY 10119

Title Director

Esposito, Andrew C.
One Penn Plaza
4th Floor
New York, NY 10119

Annual Reports

Report Year	Filed Date
2021	04/18/2021
2022	04/29/2022
2023	03/07/2023

Document Images

03/07/2023 - ANNUAL REPORT	View image in PDF format
04/29/2022 - ANNUAL REPORT	View image in PDF format
04/18/2021 - ANNUAL REPORT	View image in PDF format
02/24/2020 - ANNUAL REPORT	View image in PDF format
02/20/2019 - ANNUAL REPORT	View image in PDF format
11/05/2018 - AMENDED ANNUAL REPORT	View image in PDF format
04/06/2018 - ANNUAL REPORT	View image in PDF format
08/14/2017 - AMENDED ANNUAL REPORT	View image in PDF format
07/07/2017 - AMENDED ANNUAL REPORT	View image in PDF format
05/02/2017 - Name Change	View image in PDF format
09/12/2017 - ANNUAL REPORT	View image in PDF format
08/20/2016 - AMENDED ANNUAL REPORT	View image in PDF format
03/22/2016 - ANNUAL REPORT	View image in PDF format
04/23/2015 - ANNUAL REPORT	View image in PDF format
08/04/2014 - AMENDED ANNUAL REPORT	View image in PDF format
04/07/2014 - ANNUAL REPORT	View image in PDF format
01/18/2013 - ANNUAL REPORT	View image in PDF format
02/24/2012 - ANNUAL REPORT	View image in PDF format
12/08/2011 - ANNUAL REPORT	View image in PDF format
11/03/2011 - Name Change	View image in PDF format
04/13/2011 - ANNUAL REPORT	View image in PDF format
02/17/2010 - ANNUAL REPORT	View image in PDF format
03/13/2009 - ANNUAL REPORT	View image in PDF format
02/08/2009 - ANNUAL REPORT	View image in PDF format
04/24/2008 - ANNUAL REPORT	View image in PDF format
02/13/2007 - ANNUAL REPORT	View image in PDF format
11/20/2006 - Name Change	View image in PDF format
02/17/2006 - ANNUAL REPORT	View image in PDF format
02/09/2005 - ANNUAL REPORT	View image in PDF format
02/25/2004 - ANNUAL REPORT	View image in PDF format
03/20/2003 - ANNUAL REPORT	View image in PDF format
03/15/2002 - ANNUAL REPORT	View image in PDF format
05/07/2001 - ANNUAL REPORT	View image in PDF format
03/20/2001 - ANNUAL REPORT	View image in PDF format
02/10/2000 - ANNUAL REPORT	View image in PDF format
04/14/1999 - ANNUAL REPORT	View image in PDF format
04/02/1998 - ANNUAL REPORT	View image in PDF format
05/19/1997 - ANNUAL REPORT	View image in PDF format
05/15/1996 - ANNUAL REPORT	View image in PDF format
02/14/1995 - ANNUAL REPORT	View image in PDF format

Evidence of Binding Authority

WSP USA INC.
ASSISTANT SECRETARY'S CERTIFICATE

I, Laura S. Unger, Assistant Secretary of WSP USA Inc. (the "Corporation"), do hereby certify on behalf of the Corporation and not in my individual capacity that on August 4, 2020 the Board of Directors of the Corporation adopted the following resolution:

“**RESOLVED**, that parties authorized by the Delegation of Authority may sign RFPs, RFQs and any resulting project contracts or amendments in accordance with the Delegation of Authority.”

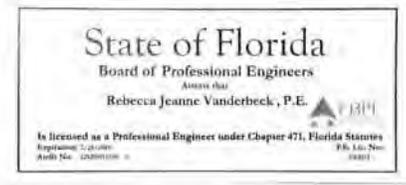
I further certify that the resolution has not been revoked and that, as Practice Leader, Sustainability, Energy, and Climate Change, Jonathan Dickinson is authorized by the Delegation of Authority to sign proposals, contracts and other legal instruments between the City of Fort Lauderdale, Florida, and the Corporation regarding Request for Proposal No. Event 95: Net Zero Plan for the City of Ford Lauderdale.



 Laura S. Unger
 Assistant Secretary

June 12, 2023
Date

Licenses and Other Pertinent Information



Addendum 1



City of Fort Lauderdale • Procurement Services Division
100 N. Andrews Avenue, Suite 619 • Fort Lauderdale, Florida 33301
954-828-5933 • Fax 954-828-5576 • purchase@fortlauderdale.gov

ADDENDUM NO. 1

RFP: Event 95

TITLE: Net Zero Plan for the City of Fort Lauderdale

ISSUED: June 9, 2023

This addendum is being issued to provide additional information to help aid proposers in providing their most accurate Statement of Work.

1. The attached report from 2014 is the most current information we could find that lists the City owned and operated buildings including their square footage.

All other terms, conditions, and specifications remain unchanged.

Laurie Platkin
Senior Procurement Specialist

Company Name: WSP USA Inc.
(please print)

Bidder's Signature: 

Date: 6/13/2023



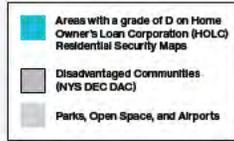
1000 Sawgrass Corporate
Parkway, Suite 578
Sunrise, FL 33323
(954) 908-8700

wsp.com

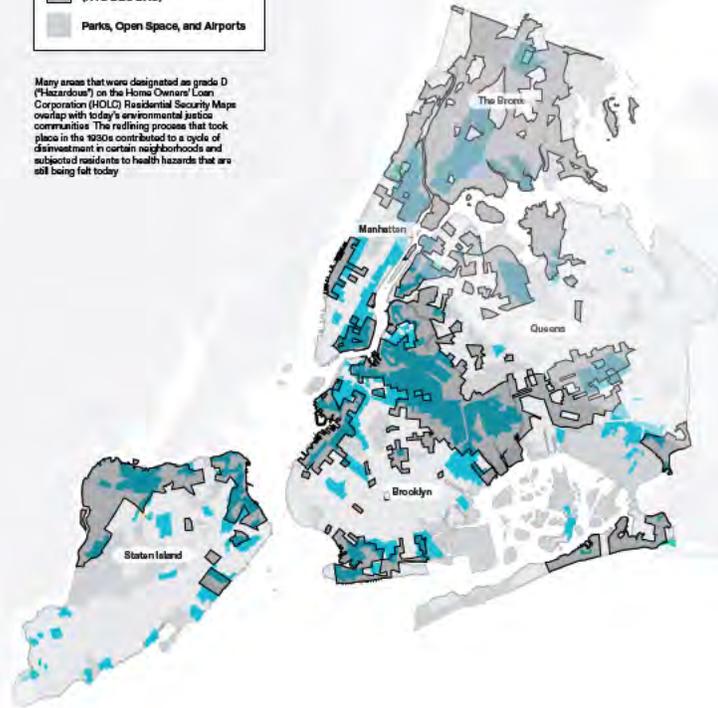
As one of the world's leading professional service firms, WSP brings clarity and vision to complex challenges by working with and advising governments and private-sector clients on key aspects of earth sciences and environmental sustainability. With the recent acquisitions of the Environment & Infrastructure business (E&I) of John Wood plc. and Golder, we have built the largest environmental practice in the world. Our over 23,000 environmental professionals provide specialized services to clients in some of the most highly regulated industries, including mining, oil and gas, energy, industrial, property and buildings, water and transportation. They advise on matters ranging from clean air, water and land, to biodiversity, green energy solutions, climate change and Environmental, Social and Governance (ESG) issues. From design, permitting, planning and operations, to decommissioning and asset remediation, our environmental professionals are ready to support you through the entire lifecycle of your projects.



INFLUENCE OF REDLINING ON PRESENT DAY ENVIRONMENTAL JUSTICE COMMUNITIES



Many areas that were designated as grade D ("Hazardous") on the Home Owner's Loan Corporation (HOLC) Residential Security Maps overlap with today's environmental justice communities. The redlining process that took place in the 1930s contributed to a cycle of disinvestment in certain neighborhoods and subjected residents to health hazards that are still being felt today.



Source: New York State Department of Environmental Conservation, 2020

Excerpt from PlaNYC 2023 Strategic Climate Plan

SECTION 7

Required Forms



Proposal Certification

CITY OF FORT LAUDERDALE BID/PROPOSAL CERTIFICATION

Please Note: It is the sole responsibility of the bidder/proposer to ensure that their response is submitted electronically through the [City's on-line strategic sourcing platform](#) prior to the bid opening date and time listed. Paper bid submittals will not be accepted. All fields below must be completed. If the field does not apply to you, please note N/A in that field.

If you are a foreign corporation, you may be required to obtain a certificate of authority from the department of state, in accordance with Florida Statute §607.1501 (visit <http://www.dos.state.fl.us/>).

Company: (Legal Registration) WSP USA Inc. EIN (Optional): 11-1531569

Address: One Penn Plaza, 4th Floor

City: New York State: NY Zip: 10119

Telephone No.: 212-465-5789 FAX No.: N/A Email: jonathan.dickinson@wsp.com

Delivery: Calendar days after receipt of Purchase Order (section 1.02 of General Conditions): 180 days

Total Bid Discount (section 1.05 of General Conditions): N/A

Check box if your firm qualifies for DBE (section 1.09 of General Conditions):

ADDENDUM ACKNOWLEDGEMENT - Proposer acknowledges that the following addenda have been received and are included in the proposal:

<u>Addendum No.</u>	<u>Date Issued</u>						
<u>1</u>	<u>6/9/23</u>	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____

VARIANCES: If you take exception or have variances to any term, condition, specification, scope of service, or requirement in this competitive solicitation you must specify such exception or variance in the space provided below or reference in the space provided below all variances contained on other pages within your response. Additional pages may be attached if necessary. No exceptions or variances will be deemed to be part of the response submitted unless such is listed and contained in the space provided below. The City does not, by virtue of submitting a variance, necessarily accept any variances. If no statement is contained in the below space, it is hereby implied that your response is in full compliance with this competitive solicitation. If you do not have variances, simply mark N/A.

WSP requests the opportunity to discuss, negotiate and agree to mutually agreeable terms that reflect reasonable, customary, and industry standards.

The below signatory hereby agrees to furnish the following article(s) or services at the price(s) and terms stated subject to all instructions, conditions, specifications addenda, legal advertisement, and conditions contained in the bid/proposal. I have read all attachments including the specifications and fully understand what is required. By submitting this signed proposal, I will accept a contract if approved by the City and such acceptance covers all terms, conditions, and specifications of this bid/proposal. The below signatory also hereby agrees, by virtue of submitting or attempting to submit a response, that in no event shall the City's liability for respondent's direct, indirect, incidental, consequential, special or exemplary damages, expenses, or lost profits arising out of this competitive solicitation process, including but not limited to public advertisement, bid conferences, site visits, evaluations, oral presentations, or award proceedings exceed the amount of Five Hundred Dollars (\$500.00). This limitation shall not apply to claims arising under any provision of indemnification or the City's protest ordinance contained in this competitive solicitation.

Submitted by:

Jonathan Dickinson
Name (printed)



Signa

6/13/2023
Date

vice President
Title

Cost Proposal

SECTION VI - COST PROPOSAL PAGE

Proposer Name: WSP USA Inc.

Proposer agrees to supply the products and services at the prices bid/proposed below in accordance with the terms, conditions and specifications contained in this RFP.

Cost to the City: Contractor shall quote firm, fixed, costs for all services/products identified in this request for proposal. These firm fixed costs for the project include any costs for travel and miscellaneous expenses. No other costs will be accepted.

Notes:

Attach a breakdown of all costs by task, including but not limited to staff time and hours per task broken out by job titles. Labor breakdown shall include titles, hourly rates, and hours assigned per task.

1. Task 1 – Project Management Subtotal:	\$ <u>10,760.00</u>
2. Task 2 - Existing Conditions Review & Emissions Modelling Subtotal:	\$ <u>20,410.00</u>
3. Task 3 – Branding Subtotal:	\$ <u>14,354.20</u>
4. Task 4 – Meetings and Stakeholder Input Subtotal:	\$ <u>37,643.33</u>
5. Task 5 – Prepare Draft Net Zero Plan Subtotal:	\$ <u>44,519.66</u>
6. Task 6 – Prepare Final Net Zero Plan Subtotal:	\$ <u>19,702.56</u>
Expenses - Printing Costs, Travel Expenses	\$ <u>2,609.25</u>
Total Roadmap to Net Zero Plan Project Cost	\$ <u>149,999.00</u>

Submitted by:

Jonathan Dickinson
Name (printed)

6/13/2023
Date



Vice President
Title

Cost Proposal

Titles, Hourly Rates and Allocated Hours per Task				Jon Dickinson	Angie Xiong	Carherine Prince	Elias Me ninger	Jeff Irvine	Osamu Ts da	Je ny Bankie	Teresa Vangeli	Kynan Witters Hicks	Rebecca Van erbeck	Rebecca Holzwarth	Alec Lovelli	Allyson Powers	Ben Rudolph	Lauren Padron	Celina Semaan	
				Pr nc pal-in-charge	Project Manager	Deputy Project Manager	Net Zero Plan Support	Senio Advisor	Net Zero Plan Support	Net Zero Plan Lead	Sen or Advisor	Net Ze o Plan Support	Senio Adviso	Branding Lead	Branding & Design Support	Website Lead	Website support	Community Workshop Support	Community Workshop Support	
	Total Hours/ task	Hourly Rate	Cost per task																	
Task 1: Project Management																				
1. Monthly progress meetings (5 meetings)	36	\$206.92	\$7,480.00	8	10	8				5		5								
2. Prepare and maintain Project Management Portal	10		\$2,050.00		10															
3. Request for Information (RFI) and Data Collection	6		\$1,230.00		6															
<i>Deliverables: Meeting agenda & minutes, Memo with PMP & timeline, RFI.</i>																				
Task 2: Existing Conditions Review & Emissions Modelling																				
1. Review relevant data, policies, and plans	16	\$182.23	\$2,680.00			4	12													
2. Review, identify gaps with City's GHG inventory and its initiatives	28		\$5,340.00	4	12				12											
3. GHG emissions modelling per sector, for future emission scenarios	56		\$10,430.00	4	12			5	20	15										
4. Review and align with regional plans	12		\$1,960.00		2		10													
<i>Deliverables: Memo with collected data, GHG inventory & modelling</i>																				
Task 3: Branding																				
1. Develop branding strategy	32	\$136.71	\$4,655.12		2									10	20					
2. Review and summarize existing brands	35		\$4,255.68											5	30					
3. Recommendations to maximize engagement, co-branding	38		\$5,443.40	1	2									10	25					
<i>Deliverables: Memo with branding strategies, branding materials</i>																				
Task 4: Meetings and Stakeholder Input (in-person)																				
1. Internal workshop at kick-off	5	\$154.91	\$1,015.00	1	1	1				1		1								
2. Internal stakeholder meetings (two 90 min meetings with small groups)	27		\$5,035.00		5	12			10											
3. Community workshops (#1 community input, #2 plan finalization)	130		\$19,584.92	2	20	36			6	6				10				25	25	
4. Stakeholder meetings (up to three 90 min meetings)	24		\$4,920.00		6	18														
5. Project Website to plan and post updates	57		\$7,088.41		2										15	40				
<i>Deliverables: Meeting agenda and minutes, project website</i>																				
Task 5: Net Zero Plan DRAFT																				
1. Net zero plan	60	\$187.06	\$10,783.28	4	12	4						35			5					
2. Prioritization framework, costs, timeline, prioritization metrics	74		\$14,105.69	4	15	4		5	24	14	4									
3. Goals and initiatives short, medium, long-term	56		\$10,715.69	4	10	4	25	5			4				4					
4. Implementation Plan	48		\$8,915.00	4	10	4	25	5												
<i>Deliverables: Table of contents, draft roadmap to Net Zero plan, appendices</i>																				
Task 6: Net ZeroPlan FINAL																				
1. Final Plan	72	\$273.65	\$19,702.56	4	8	5	10		10	10		10		5	10					
2. Presentation: Sustainability Advi Board (SAB), City Commission (conf & regular)	23		\$4,795.00	4	10	5				2		2								
Expenses																				
Printing Cost			\$609.25																	
Travel Expenses (PM, three in-person trips)			\$2,000.00		\$2,000															
Total Hours		822		44	155	105	82	20	82	53	8	53	8	30	100	15	40	25	25	
Total Cost			\$149,999.00																	

Non-Collusion Statement



NON-COLLUSION STATEMENT

By signing this offer, the vendor/contractor certifies that this offer is made independently and *free* from collusion. Vendor shall disclose below any City of Fort Lauderdale, FL officer or employee, or any relative of any such officer or employee who is an officer or director of, or has a material interest in, the vendor's business, who is in a position to influence this procurement.

Any City of Fort Lauderdale, FL officer or employee who has any input into the writing of specifications or requirements, solicitation of offers, decision to award, evaluation of offers, or any other activity pertinent to this procurement is presumed, for purposes hereof, to be in a position to influence this procurement.

For purposes hereof, a person has a material interest if they directly or indirectly own more than 5 percent of the total assets or capital stock of any business entity, or if they otherwise stand to personally gain if the contract is awarded to this vendor.

In accordance with City of Fort Lauderdale, FL Policy and Standards Manual, 6.10.8.3,

3.3. City employees may not contract with the City through any corporation or business entity in which they or their immediate family members hold a controlling financial interest (e.g., ownership of five (5) percent or more).

3.4. Immediate family members (spouse, parents, and children) are also prohibited from contracting with the City subject to the same general rules.

Failure of a vendor to disclose any relationship described herein shall be reason for debarment in accordance with the provisions of the City Procurement Code.

<u>NAME</u>	<u>RELATIONSHIPS</u>
N/A	N/A

In the event the vendor does not indicate any names, the City shall interpret this to mean that the vendor has indicated that no such relationships exist.

<hr style="border: 0; border-top: 1px solid black; margin-bottom: 5px;"/> Jonathan Dickinson Name (Printed)	Vice President <hr style="border: 0; border-top: 1px solid black; margin-bottom: 5px;"/> Title 6/13/2023 <hr style="border: 0; border-top: 1px solid black; margin-bottom: 5px;"/> Date
--	--

Rev 09-2022

Non-Discrimination Certification Form



CONTRACTOR'S CERTIFICATE OF COMPLIANCE WITH NON-DISCRIMINATION PROVISIONS OF THE CONTRACT

The completed and signed form should be returned with the Contractor's submittal. If not provided with submittal, the Contractor must submit within three business days of City's request. Contractor may be deemed non-responsive for failure to fully comply within stated timeframes.

Pursuant to City Ordinance Sec. 2-17(a)(i)(ii), bidders must certify compliance with the Non-Discrimination provision of the ordinance.

- A. Contractors doing business with the City shall not discriminate against their employees based on the employee's race, color, religion, gender (including identity or expression), marital status, sexual orientation, national origin, age, disability, or any other protected classification as defined by applicable law.

Contracts. Every Contract exceeding \$100,000, or otherwise exempt from this section shall contain language that obligates the Contractor to comply with the applicable provisions of this section.

The Contract shall include provisions for the following:

- (i) The Contractor certifies and represents that it will comply with this section during the entire term of the contract.
- (ii) The failure of the Contractor to comply with this section shall be deemed to be a material breach of the contract, entitling the City to pursue any remedy stated below or any remedy provided under applicable law.

Jonathan Dickinson, Vice President

 Print Name and Title

6/13/2023

Date

Local Business Preference (LBP)



LOCAL BUSINESS PREFERENCE

Section 2-199.2, Code of Ordinances of the City of Fort Lauderdale, (Ordinance No. C-12-04), provides for a local business preference.

In order to be considered for a local business preference, a bidder must include the Local Business Preference Certification Statement of this ITB, as applicable to the local business preference class claimed **at the time of bid submittal**.

Upon formal request of the City, based on the application of a Local Business Preference the Bidder shall, within ten (10) calendar days, submit the following documentation to the Local Business Preference Class claimed:

- A) Copy of City of Fort Lauderdale current year business tax receipt, **or** Broward County current year business tax receipt, **and**
- B) List of the names of all employees of the bidder and evidence of employees' residence within the geographic bounds of the City of Fort Lauderdale or Broward County, as the case may be, such as current Florida driver license, residential utility bill (water, electric, telephone, cable television), or other type of similar documentation acceptable to the City.

Failure to comply at time of bid submittal shall result in the bidder being found ineligible for the local business preference.

THE COMPLETE LOCAL BUSINESS PREFERENCE ORDINANCE MAY BE FOUND ON THE CITY'S WEB SITE AT THE FOLLOWING LINK:

https://library.municode.com/fl/fort_lauderdale/codes/code_of_ordinances?nodet=COOR_CH2_AD_ARTVFI_DIV2PR_S2-186LOBUPR

Definitions: The term "Business" shall mean a person, firm, corporation or other business entity which is duly licensed and authorized to engage in a particular work in the State of Florida. Business shall be broken down into four (4) types of classes:

1. Class A Business – shall mean any Business that has established and agrees to maintain a permanent place of business located in a non-residential zone and staffed with full-time employees within the limits of the City **and** shall maintain a staffing level of the prime contractor for the proposed work of at least fifty percent (50%) who are residents of the City.
2. Class B Business - shall mean any Business that has established and agrees to maintain a permanent place of business located in a non-residential zone and staffed with full-time employees within the limits of the City **or** shall maintain a staffing level of the prime contractor for the proposed work of at least fifty percent (50%) who are residents of the City.
3. Class C Business - shall mean any Business that has established and agrees to maintain a permanent place of business located in a non-residential zone **and** staffed with full-time employees within the limits of Broward County.
4. Class D Business – shall mean any Business that does not qualify as either a Class A, Class B, or Class C business.

Local Business Preference (LBP)



LOCAL BUSINESS PREFERENCE CERTIFICATION STATEMENT

The Business identified below certifies that it qualifies for the local business price preference classification as indicated herein, and further certifies and agrees that it will re-affirm its local preference classification annually no later than thirty (30) calendar days prior to the anniversary of the date of a contract awarded pursuant to this ITB. Violation of the foregoing provision may result in contract termination.

- (1) _____ is a **Class A** Business as defined in City of Fort Lauderdale Ordinance No. C-17-26, Sec.2-186. A copy of the City of Fort Lauderdale current year Business Tax Receipt **and** a complete list of full-time employees and evidence of their addresses shall be provided within 10 calendar days of a formal request by the City.
Business Name
- (2) _____ is a **Class B** Business as defined in the City of Fort Lauderdale Ordinance No. C-17-26, Sec.2-186. A copy of the Business Tax Receipt **or** a complete list of full-time employees and evidence of their addresses shall be provided within 10 calendar days of a formal request by the City.
Business Name
- (3) WSP USA Inc. is a **Class C** Business as defined in the City of Fort Lauderdale Ordinance No. C-17-26, Sec.2-186. A copy of the Broward County Business Tax Receipt shall be provided within 10 calendar days of a formal request by the City.
Business Name
- (4) _____ requests a **Conditional Class A** classification as defined in the City of Fort Lauderdale Ordinance No. C-17-26, Sec.2-186. Written certification of intent shall be provided within 10 calendar days of a formal request by the City.
Business Name
- (5) _____ requests a **Conditional Class B** classification as defined in the City of Fort Lauderdale Ordinance No. C-17-26, Sec.2-186. Written certification of intent shall be provided within 10 calendar days of a formal request by the City.
Business Name
- (6) _____ is considered a **Class D** Business as defined in the City of Fort Lauderdale Ordinance No. C-17-26, Sec.2-186 and does not qualify for Local Preference consideration.
Business Name

BIDDER'S COMPANY: WSP USA Inc.

AUTHORIZED COMPANY PERSON: Jonathan Dickinson
PRINT NAME

6/13/2023
DATE

Disadvantaged Business Enterprise Preference (DBEP)



DISADVANTAGED BUSINESS ENTERPRISE (DBE) PREFERENCE

Section 2-185, Code of Ordinances of the City of Fort Lauderdale, provides for a disadvantaged business preference.

In order to be considered for a DBE Preference, a bidder must include a certification from a government agency, as applicable to the DBE Preference class claimed **at the time of bid submittal**.

Upon formal request of the City, based on the application of a DBE Preference the Bidder shall, within ten (10) calendar days, submit the following documentation to the DBE Class claimed:

- A) Copy of City of Fort Lauderdale current year business tax receipt, **or** Broward County current year business tax receipt, **or** State of Florida active registration **and/or**
- B) List of the names of all employees of the bidder and evidence of employees' residence within the geographic bounds of the City of Fort Lauderdale or Broward County, as the case may be, such as current Florida driver license, residential utility bill (water, electric, telephone, cable television), or other type of similar documentation acceptable to the City.

Failure to comply at time of bid submittal shall result in the bidder being found ineligible for the disadvantaged business preference.

THE COMPLETE DBE PREFERENCE ORDINANCE MAY BE FOUND ON THE CITY'S WEB SITE AT THE FOLLOWING LINK: <https://www.fortlauderdale.gov/home/showpublisheddocument?id=56883>

Definitions

- a. The term "disadvantaged class 1 enterprise" shall mean any disadvantaged business enterprise that has established and agrees to maintain a permanent place of business located in a non-residential zone, staffed with full-time employees within the limits of the city, and provides supporting documentation of its City of Fort Lauderdale business tax and disadvantaged certification as established in the City's Procurement Manual.
- b. The term "disadvantaged class 2 enterprise" shall mean any disadvantaged business enterprise that has established and agrees to maintain a permanent place of business within the limits of the city with a full-time employees and provides supporting documentation of its City of Fort Lauderdale business tax and disadvantaged certification as established in the City's Procurement Manual.
- c. The term "disadvantaged class 3 enterprise" shall mean any disadvantaged business enterprise that has established and agrees to maintain a permanent place of business located in a non-residential zone, staffed with full-time employees within the limits of the Tri-County area and provides supporting documentation of its City of Fort Lauderdale business tax and disadvantaged certification as established in the City's Procurement Manual.
- d. The term "disadvantaged class 4 enterprise" shall mean any disadvantaged business enterprise that does not qualify as a Class A, Class B, or Class C business, but is located in the State of Florida and provides supporting documentation of its disadvantaged certification as established in the City's Procurement Manual.

Disadvantaged Business Enterprise Preference (DBEP)



DISADVANTAGED BUSINESS ENTERPRISE CERTIFICATION STATEMENT

The Business identified below certifies that it qualifies for the disadvantaged business enterprise price preference classification as indicated herein, and further certifies and agrees that it will re-affirm its preference classification annually no later than thirty (30) calendar days prior to the anniversary of the date of a contract awarded pursuant to this solicitation. Violation of the foregoing provision may result in contract termination.

- (1) _____ is a disadvantaged class 1 enterprise as defined in the City of Fort Lauderdale Ordinance Section 2-185 disadvantaged business enterprise that has established and agrees to maintain a permanent place of business located in a non-residential zone, staffed with full-time employees within the limits of the city, and provides supporting documentation of its City of Fort Lauderdale business tax and disadvantaged certification as established in the City's Procurement Manual.

Business Name

- (2) _____ is a disadvantaged class 2 enterprise as defined in the City of Fort Lauderdale Ordinance Section 2-185 disadvantaged business enterprise that has established and agrees to maintain a permanent place of business within the limits of the city with a full-time employee(s) and provides supporting documentation of its City of Fort Lauderdale business tax and disadvantaged certification as established in the City's Procurement Manual.

Business Name

- (3) _____ is a disadvantaged class 3 enterprise as defined in the City of Fort Lauderdale Ordinance Section 2-185 disadvantaged business enterprise that has established and agrees to maintain a permanent place of business located in a non-residential zone, staffed with full-time employees within the limits of the Tri-County area and provides supporting documentation of its City of Fort Lauderdale business tax and disadvantaged certification as established in the City's Procurement Manual.

Business Name

- (4) _____ is a disadvantaged class 4 enterprise as defined in the City of Fort Lauderdale Ordinance Section 2-185 disadvantaged business enterprise that does not qualify as a Class A, Class B, or Class C business, but is located in the State of Florida and provides supporting documentation of its disadvantaged certification as established in the City's Procurement Manual.

Business Name

- (5) _____ is not considered a Disadvantaged Enterprise Business as defined in the City of Fort Lauderdale Ordinance Sec.2-185 and does not qualify for DBE Preference consideration.

WSP USA Inc.

Business Name

BIDDER'S COMPANY: WSP USA Inc.

AUTHORIZED COMPANY PERSON: Jonathan Dickinson
PRINT NAME

6/13/2023
DATE

Contract Payment Method



CONTRACT PAYMENT METHOD

The City of Fort Lauderdale has implemented a Procurement Card (P-Card) program which changes how payments are remitted to its vendors. The City has transitioned from traditional paper checks to credit card payments via MasterCard or Visa as part of this program.

This allows you as a vendor of the City of Fort Lauderdale to receive your payments fast and safely. No more waiting for checks to be printed and mailed.

In accordance with the contract, payments on this contract will be made utilizing the City's P-Card (MasterCard or Visa). Accordingly, bidders must presently have the ability to accept the credit card or take whatever steps necessary to implement acceptance of a card before the start of the contract term, or contract award by the City.

All costs associated with the Contractor's participation in this purchasing program shall be borne by the Contractor. The City reserves the right to revise this program as necessary.

By signing below, you agree with these terms.

Please indicate which credit card payment you prefer:

MasterCard

Visa

WSP USA Inc.

Company Name

Jonathan Dickinson

Name (Printed)

Vice President

Title

6/13/2023

Date

E-Verify Affirmation Statement



E-VERIFY AFFIRMATION STATEMENT

Solicitation/Bid /Contract No: Solicitation Event 95

Project Description: Net Zero Plan for the City of Fort Lauderdale

Contractor/Proposer/Bidder acknowledges and agrees to utilize the U.S. Department of Homeland Security's E-Verify System to verify the employment eligibility of,

- A. all persons employed by Contractor/Proposer/Bidder to perform employment duties within Florida during the term of the Contract, and,
- B. all persons (including subcontractors/vendors) assigned by Contractor/Proposer/Bidder to perform work pursuant to the Contract.

The Contractor/Proposer/Bidder acknowledges and agrees that use of the U.S. Department of Homeland Security's E-Verify System during the term of the Contract is a condition of the Contract.

Contractor/Proposer/ Bidder Company Name: WSP USA Inc.

Authorized Company Person's Signature: 

Authorized Company Person's Title: Vice President

Date: 6/13/2023

Sample Insurance Certificate



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
4/29/2022

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Arthur J. Gallagher Risk Management Services, Inc. 250 Park Avenue, 5th Floor New York NY 10177	CONTACT NAME: AJG Service Team	
	PHONE (A/C. No. Ext): 212-994-7100	FAX (A/C. No): 212-994-7047
E-MAIL ADDRESS: GGB.WSPUS.CERTREQUESTS@AJG.COM		
INSURER(S) AFFORDING COVERAGE		NAIC #
INSURER A : Liberty Insurance Corporation		42404
INSURER B : Zurich American Insurance Company		16535
INSURER C :		
INSURER D :		
INSURER E :		
INSURER F :		

COVERAGES **CERTIFICATE NUMBER:** 267002313 **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
B	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:			GLO 9835819-09	5/1/2022	5/1/2023	EACH OCCURRENCE \$ 3,500,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 100,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 3,500,000 GENERAL AGGREGATE \$ 7,500,000 PRODUCTS - COMP/OP AGG \$ 3,500,000 \$
A	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS NON-OWNED AUTOS ONLY <input type="checkbox"/> HIRED AUTOS ONLY			AS7-621-094060-032	5/1/2022	5/1/2023	COMBINED SINGLE LIMIT (Ea accident) \$ 5,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
	UMBRELLA LIAB <input type="checkbox"/> OCCUR EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$						EACH OCCURRENCE \$ AGGREGATE \$ \$
A A A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) <input type="checkbox"/> Y/N If yes, describe under DESCRIPTION OF OPERATIONS below		N/A	WA7-62D-094060-012 WA7-62D-094060-982 WA7-62D-095609-072 WC7-621-094060-912	5/1/2022 5/1/2022 5/1/2022 5/1/2022	5/1/2023 5/1/2023 5/1/2023 5/1/2023	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 2,000,000 E.L. DISEASE - EA EMPLOYEE \$ 2,000,000 E.L. DISEASE - POLICY LIMIT \$ 2,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
THIRTY (30) DAYS NOTICE OF CANCELLATION.

CERTIFICATE HOLDER As A Matter of Record	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE
--	--

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W-9 for Proposing Firm

Form **W-9**
(Rev. October 2018)
Department of the Treasury
Internal Revenue Service

Request for Taxpayer Identification Number and Certification

Give Form to the requester. Do not send to the IRS.

Go to www.irs.gov/FormW9 for instructions and the latest information.

Print or type. See Specific Instructions on page 3.

<p>1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank. WSP USA INC.</p> <p>2 Business name/disregarded entity name, if different from above</p> <p>3 Check appropriate box for federal tax classification of the person whose name is entered on line 1. Check only one of the following seven boxes.</p> <p><input type="checkbox"/> Individual/sole proprietor or single-member LLC</p> <p><input checked="" type="checkbox"/> C Corporation</p> <p><input type="checkbox"/> S Corporation</p> <p><input type="checkbox"/> Partnership</p> <p><input type="checkbox"/> Trust/estate</p> <p><input type="checkbox"/> Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=Partnership) ▶ _____</p> <p>Note: Check the appropriate box in the line above for the tax classification of the single-member owner. Do not check LLC if the LLC is classified as a single-member LLC that is disregarded from the owner unless the owner of the LLC is another LLC that is not disregarded from the owner for U.S. federal tax purposes. Otherwise, a single-member LLC that is disregarded from the owner should check the appropriate box for the tax classification of its owner.</p> <p><input type="checkbox"/> Other (see instructions) ▶ _____</p> <p>5 Address (number, street, and apt. or suite no.) See instructions. One Penn Plaza, 4th Floor</p> <p>6 City, state, and ZIP code New York, NY 10119</p> <p>7 List account number(s) here (optional)</p>	<p>4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3):</p> <p>Exempt payee code (if any) <u>5</u></p> <p>Exemption from FATCA reporting code (if any) _____</p> <p><small>(Applies to accounts maintained outside the U.S.)</small></p> <p>Requester's name and address (optional)</p>
---	---

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the instructions for Part I, later. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN*, later.

Note: If the account is in more than one name, see the instructions for line 1. Also see *What Name and Number To Give the Requester* for guidelines on whose number to enter.

Social security number	
[] [] [] - [] [] - [] [] [] []	
or	
Employer identification number	
1 1 - 1 5 3 1 5 6 9	

Part II Certification

Under penalties of perjury, I certify that:

- The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
- I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
- I am a U.S. citizen or other U.S. person (defined below); and
- The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions for Part II, later.

Sign Here	Signature of U.S. person ▶	Date ▶ 01/01/2023
------------------	----------------------------	-------------------

General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Future developments. For the latest information about developments related to Form W-9 and its instructions, such as legislation enacted after they were published, go to www.irs.gov/FormW9.

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following.

- Form 1099-INT (interest earned or paid)

- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)
- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
- Form 1099-C (canceled debt)
- Form 1099-A (acquisition or abandonment of secured property)

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See *What is backup withholding*, later.

Active Status Page from Division of Corporations - Sunbiz.org



Department of State / Division of Corporations / Search Records / Search by Entity Name /

Previous On List Next On List Return To List WSP USA Search

Events Name History

Detail by Entity Name

Foreign Profit Corporation
WSP USA INC.

Filing Information

Document Number 829625
FEI/EIN Number 11-1531569
Date Filed 03/05/1973
State NY
Status ACTIVE
Last Event NAME CHANGE AMENDMENT
Event Date Filed 05/02/2017
Event Effective Date NONE

Principal Address

One Penn Plaza
4th Floor
New York, NY 10119

Changed: 03/07/2023

Mailing Address

One Penn Plaza
4th Floor
New York, NY 10119

Changed: 03/07/2023

Registered Agent Name & Address

CT CORPORATION SYSTEM
1200 S. PINE ISLAND ROAD
PLANTATION, FL 33324

Name Changed: 07/02/1992

Address Changed: 07/02/1992

Officer/Director Detail

Name & Address

Title Secretary

Jassey, Hillary F.
One Penn Plaza
4th Floor
New York, NY 10119

Title President/CEO

McNeilly, Bernard P.
One Penn Plaza
4th Floor
New York, NY 10119

Title Director

Bonz, Gregory P.
One Penn Plaza
4th Floor
New York, NY 10119

Title Director

McNeilly, Bernard P.
One Penn Plaza
4th Floor
New York, NY 10119

Title Director

Warren, Mark
One Penn Plaza
4th Floor
New York, NY 10119

Title Treasurer

Esposito, Andrew C.
One Penn Plaza
4th Floor
New York, NY 10119

Title VP

Lynn, Andrew J.
One Penn Plaza
4th Floor
New York, NY 10119

Title VP

Reed, Kevin B.
One Penn Plaza
4th Floor
New York, NY 10119

Title Director

Odeh, David J.
One Penn Plaza
4th Floor
New York, NY 10119

Title Director

Esposito, Andrew C.
One Penn Plaza
4th Floor
New York, NY 10119

Annual Reports

Report Year	Filed Date
2021	04/18/2021
2022	04/29/2022
2023	03/07/2023

Document Images

03/07/2023 - ANNUAL REPORT	View image in PDF format
04/29/2022 - ANNUAL REPORT	View image in PDF format
04/18/2021 - ANNUAL REPORT	View image in PDF format
02/24/2020 - ANNUAL REPORT	View image in PDF format
02/20/2019 - ANNUAL REPORT	View image in PDF format
11/05/2018 - AMENDED ANNUAL REPORT	View image in PDF format
04/06/2018 - ANNUAL REPORT	View image in PDF format
08/14/2017 - AMENDED ANNUAL REPORT	View image in PDF format
07/07/2017 - AMENDED ANNUAL REPORT	View image in PDF format
05/02/2017 - Name Change	View image in PDF format
09/12/2017 - ANNUAL REPORT	View image in PDF format
08/20/2016 - AMENDED ANNUAL REPORT	View image in PDF format
03/22/2016 - ANNUAL REPORT	View image in PDF format
04/23/2015 - ANNUAL REPORT	View image in PDF format
08/04/2014 - AMENDED ANNUAL REPORT	View image in PDF format
04/07/2014 - ANNUAL REPORT	View image in PDF format
01/18/2013 - ANNUAL REPORT	View image in PDF format
02/24/2012 - ANNUAL REPORT	View image in PDF format
12/08/2011 - ANNUAL REPORT	View image in PDF format
11/03/2011 - Name Change	View image in PDF format
04/13/2011 - ANNUAL REPORT	View image in PDF format
02/17/2010 - ANNUAL REPORT	View image in PDF format
03/13/2009 - ANNUAL REPORT	View image in PDF format
02/08/2009 - ANNUAL REPORT	View image in PDF format
04/24/2008 - ANNUAL REPORT	View image in PDF format
02/13/2007 - ANNUAL REPORT	View image in PDF format
11/20/2008 - Name Change	View image in PDF format
02/17/2008 - ANNUAL REPORT	View image in PDF format
02/09/2005 - ANNUAL REPORT	View image in PDF format
02/25/2004 - ANNUAL REPORT	View image in PDF format
03/20/2003 - ANNUAL REPORT	View image in PDF format
03/15/2002 - ANNUAL REPORT	View image in PDF format
05/07/2001 - ANNUAL REPORT	View image in PDF format
03/20/2001 - ANNUAL REPORT	View image in PDF format
02/10/2000 - ANNUAL REPORT	View image in PDF format
04/14/1999 - ANNUAL REPORT	View image in PDF format
04/02/1998 - ANNUAL REPORT	View image in PDF format
05/19/1997 - ANNUAL REPORT	View image in PDF format
05/15/1996 - ANNUAL REPORT	View image in PDF format
02/14/1995 - ANNUAL REPORT	View image in PDF format

Evidence of Binding Authority

WSP USA INC.
ASSISTANT SECRETARY'S CERTIFICATE

I, Laura S. Unger, Assistant Secretary of WSP USA Inc. (the "Corporation"), do hereby certify on behalf of the Corporation and not in my individual capacity that on August 4, 2020 the Board of Directors of the Corporation adopted the following resolution:

“**RESOLVED**, that parties authorized by the Delegation of Authority may sign RFPs, RFQs and any resulting project contracts or amendments in accordance with the Delegation of Authority.”

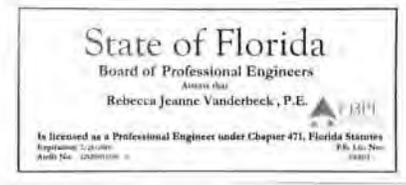
I further certify that the resolution has not been revoked and that, as Practice Leader, Sustainability, Energy, and Climate Change, Jonathan Dickinson is authorized by the Delegation of Authority to sign proposals, contracts and other legal instruments between the City of Fort Lauderdale, Florida, and the Corporation regarding Request for Proposal No. Event 95: Net Zero Plan for the City of Ford Lauderdale.



 Laura S. Unger
 Assistant Secretary

June 12, 2023
Date

Licenses and Other Pertinent Information



Addendum 1



City of Fort Lauderdale • Procurement Services Division
100 N. Andrews Avenue, Suite 619 • Fort Lauderdale, Florida 33301
954-828-5933 • Fax 954-828-5576 • purchase@fortlauderdale.gov

ADDENDUM NO. 1

RFP: Event 95
TITLE: Net Zero Plan for the City of Fort Lauderdale

ISSUED: June 9, 2023

This addendum is being issued to provide additional information to help aid proposers in providing their most accurate Statement of Work.

1. The attached report from 2014 is the most current information we could find that lists the City owned and operated buildings including their square footage.

All other terms, conditions, and specifications remain unchanged.

Laurie Platkin
Senior Procurement Specialist

Company Name: WSP USA Inc.
(please print)

Bidder's Signature: 

Date: 6/13/2023

Addendum 1



City of Fort Lauderdale • Procurement Services Division
100 N. Andrews Avenue, Suite 619 • Fort Lauderdale, Florida 33301
954-828-5933 • Fax 954-828-5576 • purchase@fortlauderdale.gov

ADDENDUM NO. 1

RFP: Event 95
TITLE: Net Zero Plan for the City of Fort Lauderdale

ISSUED: June 9, 2023

This addendum is being issued to provide additional information to help aid proposers in providing their most accurate Statement of Work.

1. The attached report from 2014 is the most current information we could find that lists the City owned and operated buildings including their square footage.

All other terms, conditions, and specifications remain unchanged.

Laurie Platkin
Senior Procurement Specialist

Company Name: WSP USA Inc.
(please print)

Bidder's Signature: 

Date: 6/13/2023

Request to Proposer WSP

Request:

Provide brief descriptions and links for three Net Zero or Climate Action Plans completed by your firm most similar to this scope of work.

WSP Response:

Chicago Climate Action Plan: <https://www.chicago.gov/city/en/sites/climate-action-plan/home/get-involved.html>

The City of Chicago has updated its Climate Action Plan (CAP) to reflect the bold action needed to protect and strengthen communities -- locally and globally, joining 96 cities around the world. The City's updated climate goals are designed to reduce carbon emissions while also increasing household savings, advancing environmental justice, and improving community health.

Chicago's new climate goals set a course to reduce the city's carbon emissions 62% by 2040. Anchored in values of economic inclusion and savings, pollution burden reduction, and equitable access to critical infrastructure and community health and resilience. The 2022 CAP prioritizes delivering meaningful community benefits and system improvements as the city continues to lead on climate. The CAP provided Chicago strengthened partnerships and programs to expand access to green space, reduce carbon emissions, and connect residents to meaningful resources and services.

The 2022 CAP is built around climate actions (energy, carbon, electrification, waste, resiliency, and equity) that deliver multiple, meaningful benefits to residents and their communities while also reducing emissions. These co-benefits include: 1. Economic inclusion and savings; 2. Reduced pollution burden; 3. Equitable access to critical infrastructure; 4. Community health and resiliency.

To kick-start implementation of the identified strategies, the plan identified the overlap of 2022 CAP and Chicago's Recovery plan funding, as well as available climate financing options.

PlaNYC 2023 Strategic Climate Plan: <https://climate.cityofnewyork.us/wp-content/uploads/2023/04/PlaNYC-2023-Full-Report-low.pdf>

PlaNYC 2023 is New York City's strategic climate and sustainability plan. The plan articulates long term goals and near-term actions to strengthen climate resilience, advance decarbonization, and improve public health and quality of life for all New Yorkers. The City of New York is required by local law to update PlaNYC every four years to establish the administration's strategic direction, policies, and key priority projects to meet its climate and sustainability goals.

WSP was a subconsultant to BJH Advisors, leading the technical analysis and providing writing support for the plan. WSP led the technical analysis to support development of multiple policy initiatives including minimum coastal flood standards for climate resilience, the development of community resilience hubs, assessment of universal access to cooling, assessment of building retrofits to meet new regulatory emission reduction requirements, and new pathways to reduce embodied carbon from construction activities.

New York City issues updates to PlaNYC every four years. WSP co-led the project, working closely with a consultant team of five firms and a large client team of 12 policy experts. WSP also worked with the client team to coordinate input from 22 city agencies, a strategic advisory board of multiple community organizations, and a mayoral cabinet of deputy mayors, city commissioners, and agency representatives.

Request to Proposer WSP

City of Bethlehem, PA Climate Action Plan: https://www.bethlehem-pa.gov/getattachment/Public-Works/Climate-Action-Plan/Climate-Action-Plan_City-of-Bethlehem_04-07-21-FINAL-FINAL.pdf.aspx?lang=en-US

The City of Bethlehem has long supported climate action over the years, committing to the various national and global sustainability and decarbonization initiatives and implementing GHG reduction strategies between 2005 and 2017 — including renewable energy purchasing — which reduced municipal emissions 37 percent. In February 2017, City Council unanimously endorsed the creation of a Climate Action Plan (CAP).

WSP was selected to develop the City's first CAP, and manage all aspects of its development, including stakeholder and public engagement, mitigation target setting and achievement roadmap, climate vulnerability assessment, and drafting of the plan. The justice and equity-focused community-wide CAP, specifically designed for the city of 70,000, establishes targeted policies, programs and projects to help Bethlehem mitigate its emissions contribution and build resilience to the impacts of a changing climate.

To establish a baseline, WSP conducted a comprehensive review of the City's municipal operations and citywide GHG emissions inventory processes and procedures. The team then modeled citywide and municipal operations GHG reduction targets for 2030 and 2050, aligning with Intergovernmental Panel on Climate Change global 1.5°C temperature scenarios.

WSP facilitated a series of stakeholder working groups to develop sector specific mitigation goals and strategies for the CAP. The team analyzed mitigation strategies for their emissions reduction potential and co-benefits and conducted three public meetings and multiple public surveys to gather input for the plan. The team also formed an environmental justice and equity steering committee and partnered with local community-based organizations to give a voice to frontline communities and integrate the principles of justice and equity throughout the CAP.

For the climate vulnerability assessment, WSP analyzed statistically downscaled Localized Constructed Analogs (LOCA) climate projections for the city and processed daily temperature and precipitation projections for multiple future warming scenarios. The team then facilitated multiple stakeholder meetings to conduct a vulnerability assessment based on the climate projection analysis results. WSP compiled the final CAP in a graphically designed template with public release in April 2021.

A wide-angle, nighttime photograph of Fort Lauderdale, Florida. The foreground shows a large body of water with several boats docked at a pier. In the middle ground, there are numerous houses and buildings, many of which are illuminated with warm lights. In the background, a dense skyline of skyscrapers is visible, with many windows glowing. The sky is dark with some light clouds. A large, semi-transparent white triangle is overlaid on the right side of the image, pointing towards the bottom right.

CITY OF FORT LAUDERDALE

NET ZERO PLAN FOR THE CITY OF FORT LAUDERDALE

Our Understanding of the City's Need: Reaching Net Zero GHG Emissions by 2050

- Roadmap to Net Zero Plan outlining **actionable strategies** to achieve the City's net zero goals and develop interim GHG reduction goals.
- **City to lead by example**, achieving net zero government operations emissions by 2040, 10 years earlier than the community-wide net zero target.
- **Build on existing achievements** through the Sustainability Action Plan and other City initiatives and planning efforts.
- **Co-develop the Plan through effective and inclusive engagement**, with a focus on marginalized communities and those disproportionately affected by climate change.

Dedicated to the City's Commitment to Reach Net Zero GHG Emissions

- ☑ Experience helping communities develop stakeholder-led, equity focused GHG mitigation plans and climate action plans.
- ☑ Team that combines leading climate planning expertise with local knowledge and experience.
- ☑ Experience leading community-focused conversations on climate action planning.

Our team brings a successful history of collaboration with a proven ability to deliver the City's GHG mitigation planning and implementation needs.



Angie Xiong
Project
Manager



Jon Dickinson
Principal-in-Charge



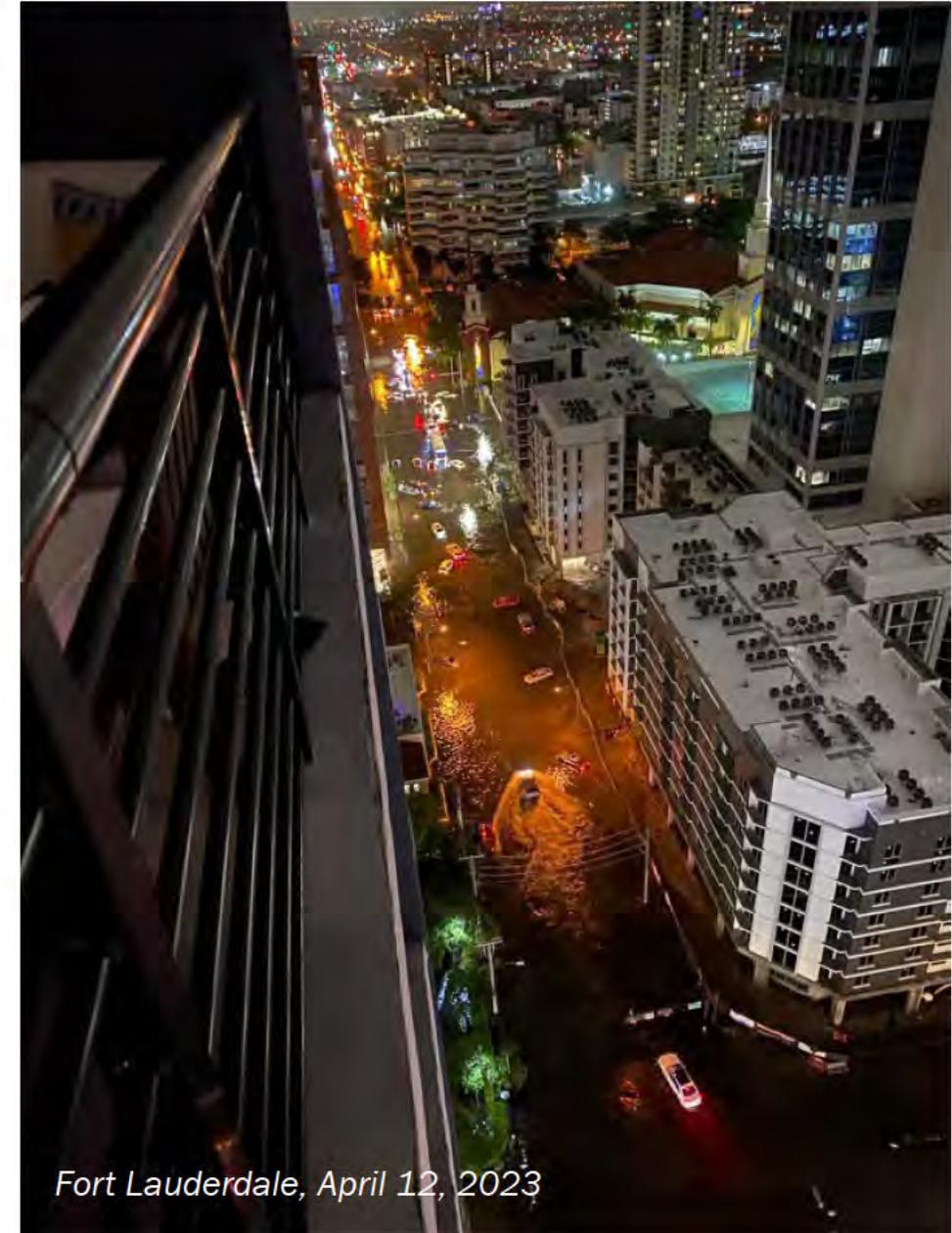
Catherine Prince
Deputy Project
Manager



Allyson Powers
Website Lead

Overview of Approach

- Task 1 – Project Management
- Task 2 – Existing Conditions Review & Emissions Modeling
- Task 3 – Branding
- Task 4 – Meetings and Stakeholder Input
- Task 5 – Prepare Draft Net Zero Plan
- Task 6 – Prepare Final Net Zero Plan



Fort Lauderdale, April 12, 2023

The Brand Will be the Foundation for the City's Net Zero Plan and Will Reflect Everything We Do: Engagement Process, Strategies

■ Brand position

» Define the distinctive brand strategy (program intent)

- ☑ Define goals and objectives
- ☑ Set tone/messaging “personality of brand”
- ☑ Integrate visuals (logo, color, imagery)

■ Brand communication

- » Frame your strategy
- » Establish messaging guidelines
- » Crafting your brand promise

■ Brand identification

- » Defining your brand character (visual brand)
- » Activating your strategy (materials, mediums)
- » Identifying your plan of action



WSP received the “Highly Commended” Award for Branding of the Chicago Climate Action Plan



CAM #23-0792
Exhibit 7

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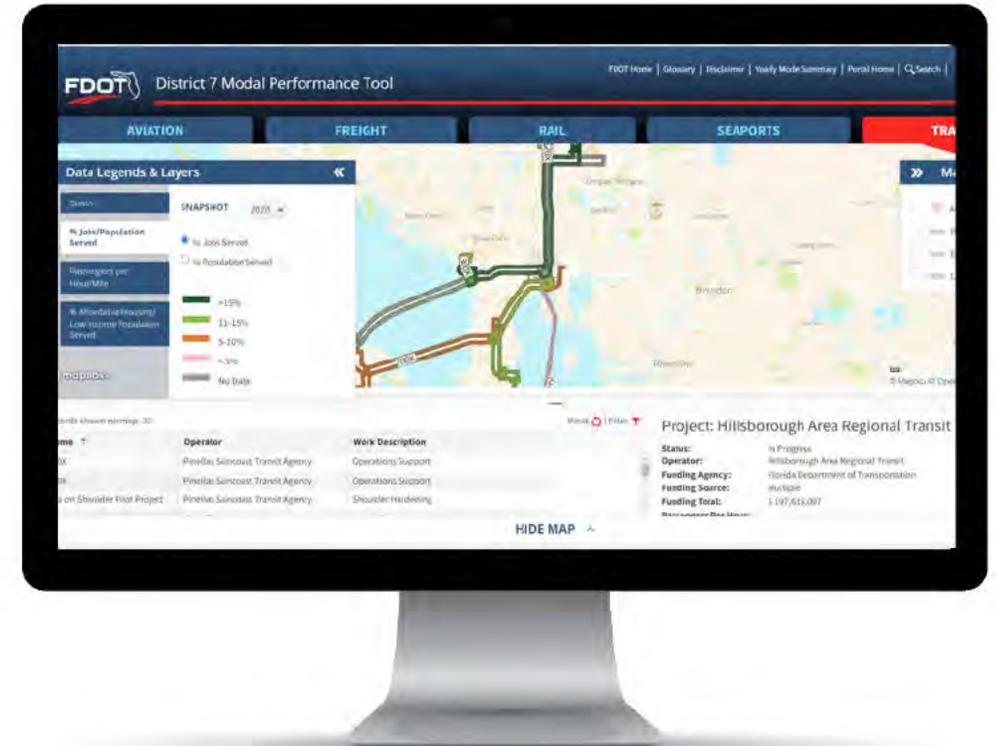
INTERVIEW QUESTIONS

- 1 What is your method of modeling current and future GHG emissions? Will a GHG dashboard be created for use by the City to effectively manage GHG emissions going forward? If so, what technology, layout, and or other method will be used?
- 2 How does your firm recommend addressing scope 3 emissions within the current scope of work for city operations and local community?
- 2a Please provide details on the methodologies, data collection processes, and calculation approaches that will be used to accurately measure and report scope 3 emissions if included.
- 3 How does your firm plan to effectively engage the local community in the creation and implementation of the net-zero plan?
- 3a Please provide details on the strategies, activities, and channels you will utilize to foster open dialogue, gather feedback, and collaborate with community members.
- 3c Who on the team would present and conduct public workshops?

- 4 Who will maintain and update the website?
- 3b Additionally, explain how you will ensure inclusivity and representation of diverse stakeholders, and how their input will be incorporated into decision-making processes to create a shared vision and maximize positive impact within the community.
- 3d What support would you need from City staff?
- 5 Do you recommend the City increase its project timeline to allow effective community engagement and a comprehensive Net Zero Plan? If so, what changes in the timeline do you recommend? Describe the value-added services that will be included without additional cost.
- 6 Describe how your firm will develop and implement a framework for prioritization of actions to reduce greenhouse gas emissions.

Setting Informative GHG Emissions Forecasts

- **Current emissions approach:** City used ICLEI's ClearPath tool to develop its community-wide and government operations GHG inventories.
- **Future emissions modeling:** ClearPath or custom Excel tool. Data needs: population, employment, land use change, VMT projections, etc.
- **Dashboard:** Not requested in the RFP and not currently part of the proposed SOW. WSP can develop one, but this would require additional time and budget.

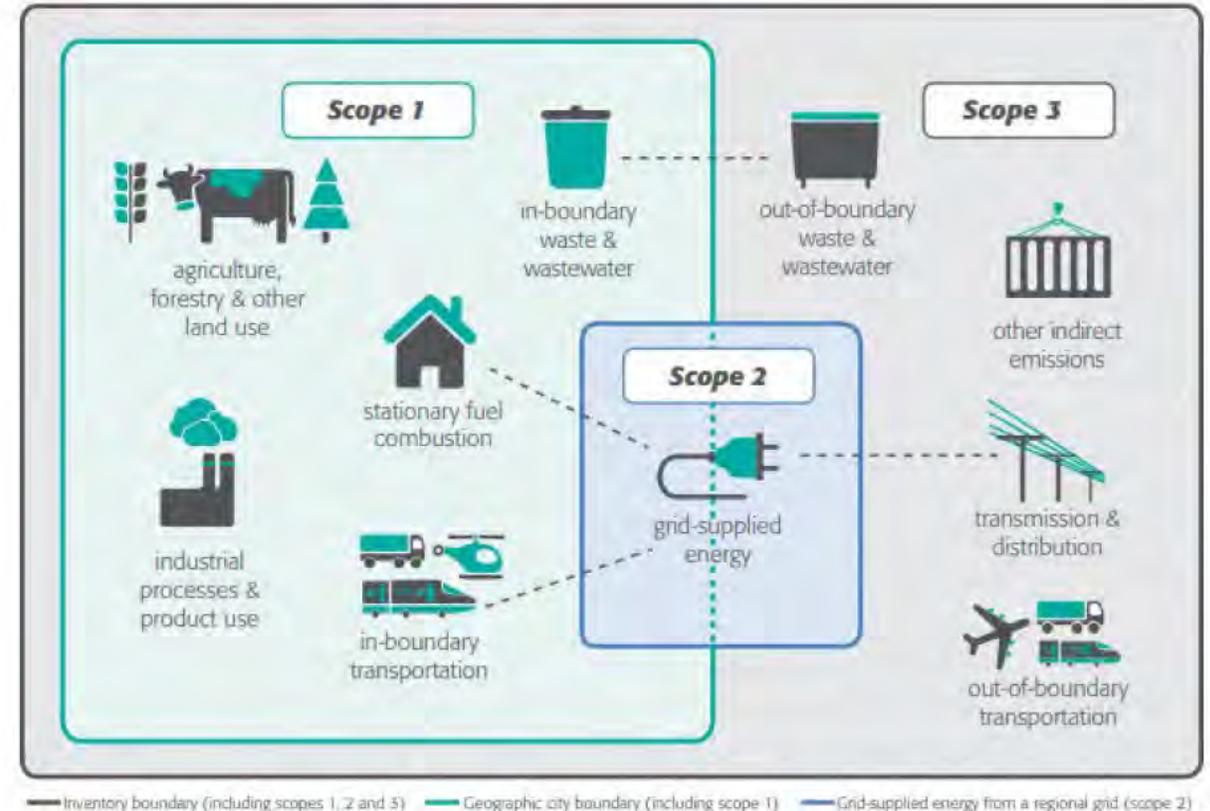


FDOT District 7 Dashboard

Addressing Scope 3 GHG Emissions

- The City's current GHG inventories include scope 3 emissions for:
 - » Government operations
 - ☑ Employee commute
 - ☑ Natural gas distribution
 - » Community
 - ☑ Aviation (out of boundary)
- **WSP will incorporate the City's existing scope 3 GHG emissions** into its GHG emissions forecast and emissions reduction modeling.
- Calculation of additional scope 3 emissions was not in RFP and is not in WSP's proposed SOW.

Figure 1 Sources and boundaries of city GHG emissions

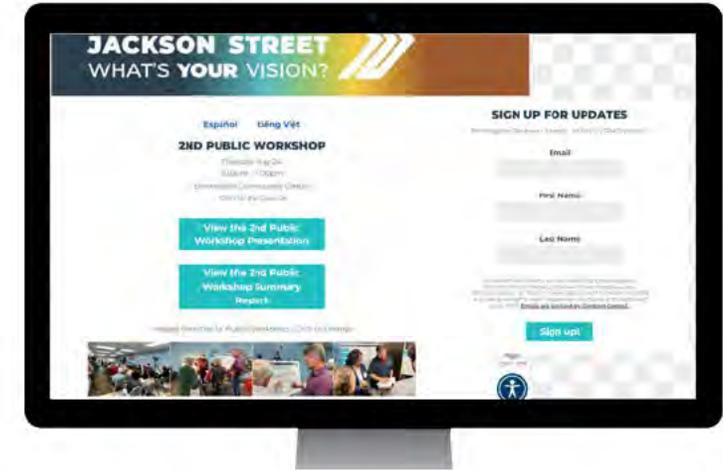


Use Local Knowledge to Develop an Engagement Plan That Supports Open Dialogue and Collaboration

Community Engagement Plan

Table of Contents (example)

1. Project branding & messaging
2. Key stakeholders & influencers (WHO)
3. Engagement strategies, tools, tactics (HOW, WHAT)
4. Engagement timeline (WHEN)



Jackson Street Redesign dedicated webpage embedded in County's website. www.ReimagineJacksonStreet.com

External stakeholders to include:

External Stakeholders	Role in the Community, Anticipated Coordination
Florida Power and Light	FPL is the sole provider of energy utility services for the City. Discussions to include: FPL's Real Zero plan, options to reduce energy burden on the frontline communities.
The CLEO Institute	CLEO Institute is a climate crisis advocacy non-partisan organization. Discussions to include: impacts to frontline communities, potential opportunities, strategies, and solutions.
Miami Waterkeeper	Miami Waterkeeper is an advocacy for clean water and ecosystem protection. Discussion will include: water pollution and water conservation.
Greater Fort Lauderdale Chamber of Commerce	Business organization with over 1000 companies. Discussions may include the policies and strategies that can facilitate the shift toward a net-zero business.

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How does your firm plan to effectively engage the local community in the creation and implementation of the net-zero plan? Please provide details on the strategies, activities, and channels you will utilize to foster open dialogue, gather feedback, and collaborate with community members. Who on the team would present and conduct public workshops?

We Will Leverage a Combination of Digital and In-Person Engagement

Internal Stakeholders Engagement

- Two (2) 90-minute small group meetings

External Stakeholders Engagement

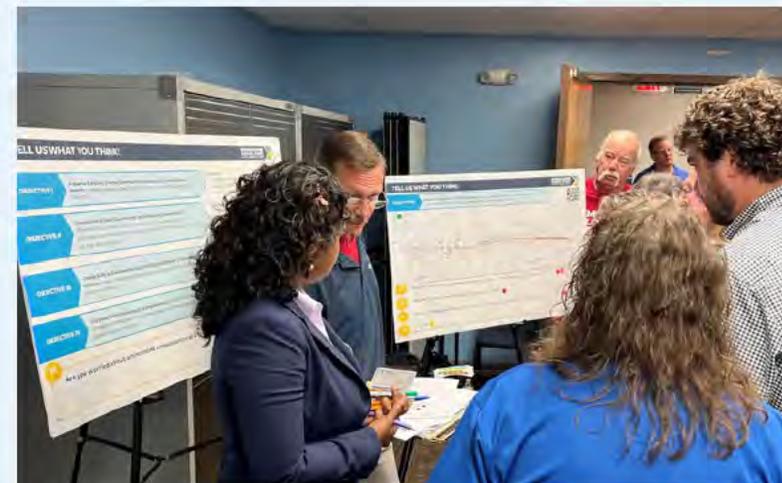
- Community Workshop #1, #2
- Up to three (3) 90-minute small group meetings



SMALL GROUP DISCUSSIONS



COMMUNITY WORKSHOPS



COMMUNITY WORKSHOPS

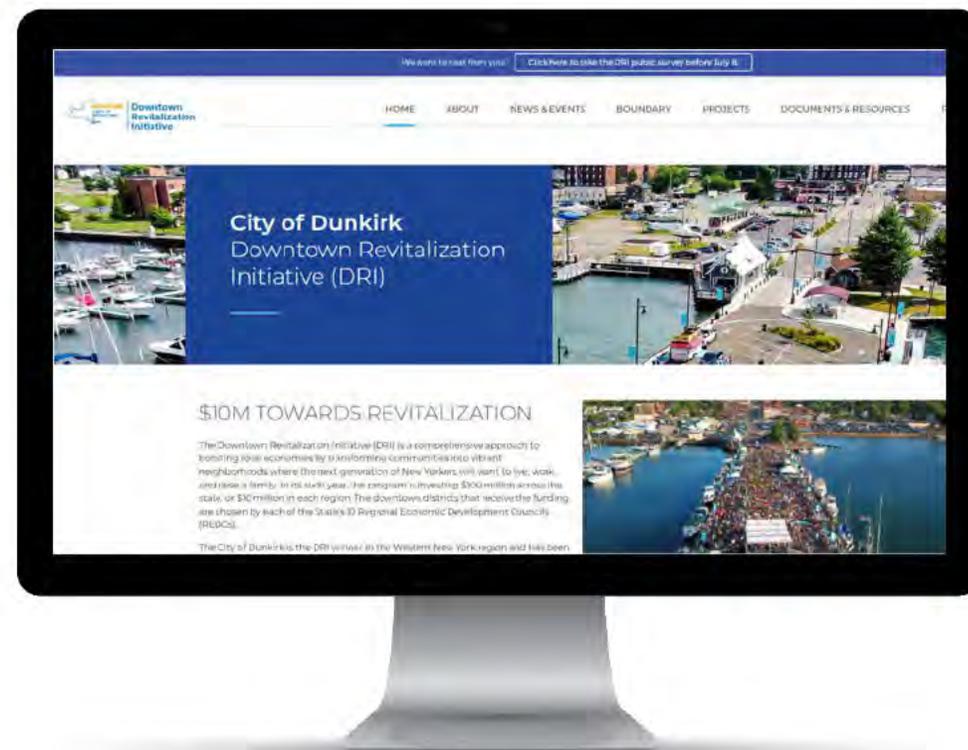
CAM #23-0792

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Creating a Targeted, Result-Driven Project Website

- **Website kick-off call** to listen to the City and teaming partner goals and vision for the website.
- **Discuss schedule** and determine major milestones where significant content updates may be required.
- **Host and maintain the project website.**
- At completion of the project, WSP will **transfer website files** to the City and ensure compatibility with the City's hosting platform.



City of Dunkirk, New York Downtown Revitalization website

Community Input will be Integrated into Branding, Strategies, Implementation

Net Zero Plan will be informed by the community's on-the-ground lived experience.

- » Understand community priorities and values.
- » Understand impacts & unintended consequences of proposed GHG reduction actions.
- » Identify co-benefits: health, air quality and water quality improvements, resiliency, etc.

Opportunity to educate and build consensus for implementation strategies.



OUR TIMELINE REFLECTS THE COMMUNITY INPUT
INTEGRATION TO FINAL NET ZERO PLAN

ERM #210792
Exhibit 7

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Committed to Leading with Staff's Support to Engage Equitably

- Identify stakeholders
 - » List of internal stakeholders
 - » List of external stakeholders, key influencers
- Public meeting locations, A/V set up
- Send project updates to stakeholders
- Additional considerations
 - » Translation into other languages
 - » Organize pop-up events at a local gathering area such as churches, grocery stores
 - » Survey (digital & print) for those who cannot engage at meetings
 - » Provide virtual community meeting option

REIMAGINE JACKSON STREET
WHAT'S YOUR VISION?

TAKE THE SURVEY!!

1. Which best describes how you use Jackson Street?

- I live near West Jackson Street and use it to get to most of my destinations.
- I use West Jackson Street as an alternate to West Corvantes.
- I don't live near West Jackson Street but I get to work or school.

2. How do you travel to school for recreation? *Check all that apply.*

- Walk
- Bike/Bike Share
- ECAT Buses or Trolley
- Drive

3. Where along or on Jackson Street do you NOT feel safe walking, biking, or using transit? *Optional question.*

Intersection: _____

Between what streets or locations: _____

REIMAGINE JACKSON STREET
¿CUÁL ES SU VISIÓN?

El condado de Escambia, la ciudad de Pensacola y sus agencias de desarrollo comunitario (CRA) se están asociando para determinar una visión para West Jackson Street. El objetivo del esfuerzo es desarrollar un plan maestro implementable para el corredor. Las mejores propuestas complementarán las comunidades existentes y abordarán la seguridad, la movilidad y la reurbanización económica sostenible a largo plazo.

LOS LÍMITES DEL PROYECTO CORREN A LO LARGO DE WEST JACKSON STREET, ENTRE A STREET Y FAIRFIELD DRIVE.

SURVEY, LANGUAGE TRANSLATION ARE OTHER TACTICS



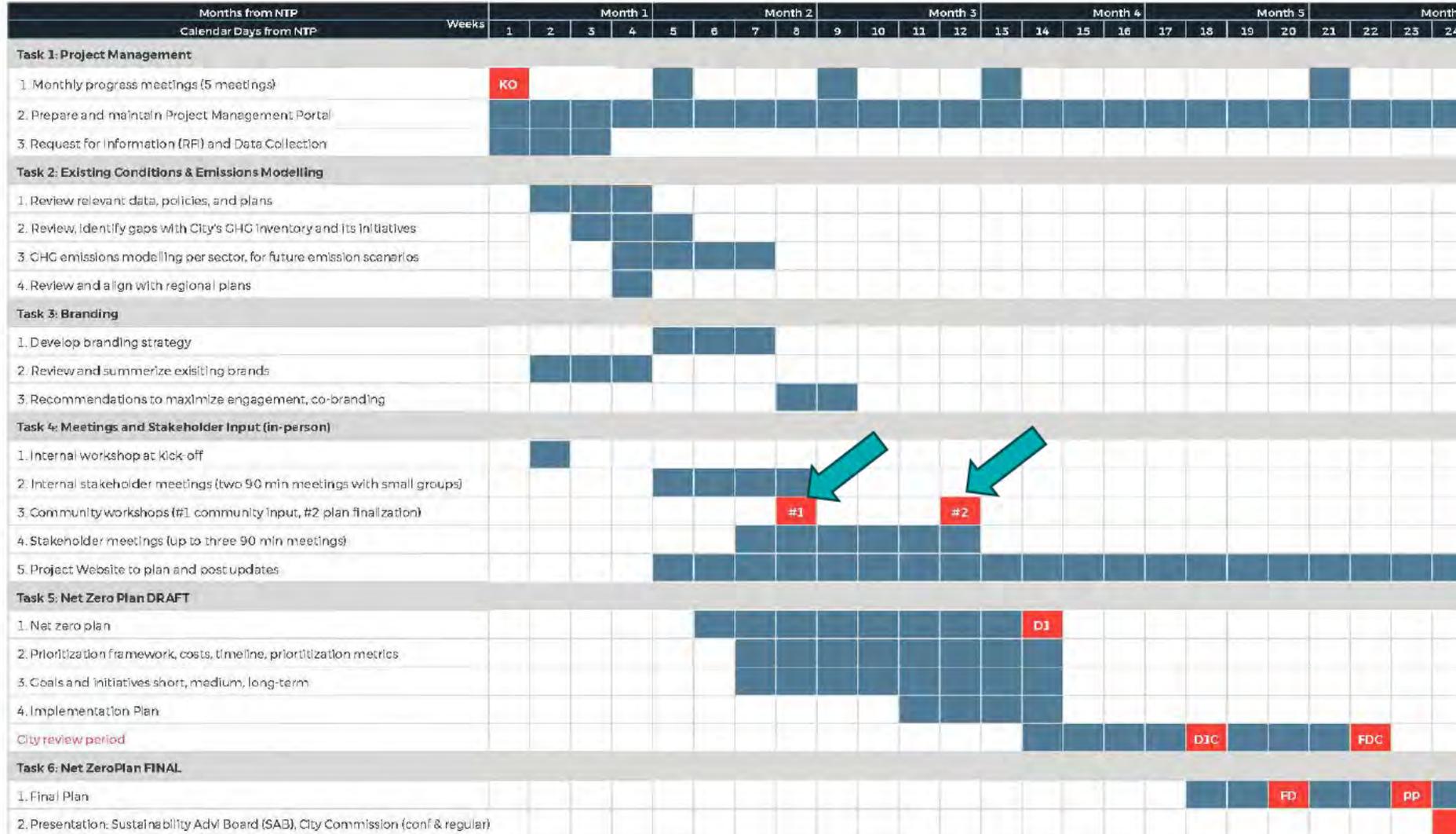
POP-UP EVENTS ARE AN EFFECTIVE WAY TO ENGAGE

CAM #23-0702

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Proposed 6-month Timeline



Given the **critical need for stakeholder engagement and input**, WSP has proposed a 180-day timeline to ensure all project milestones are met.

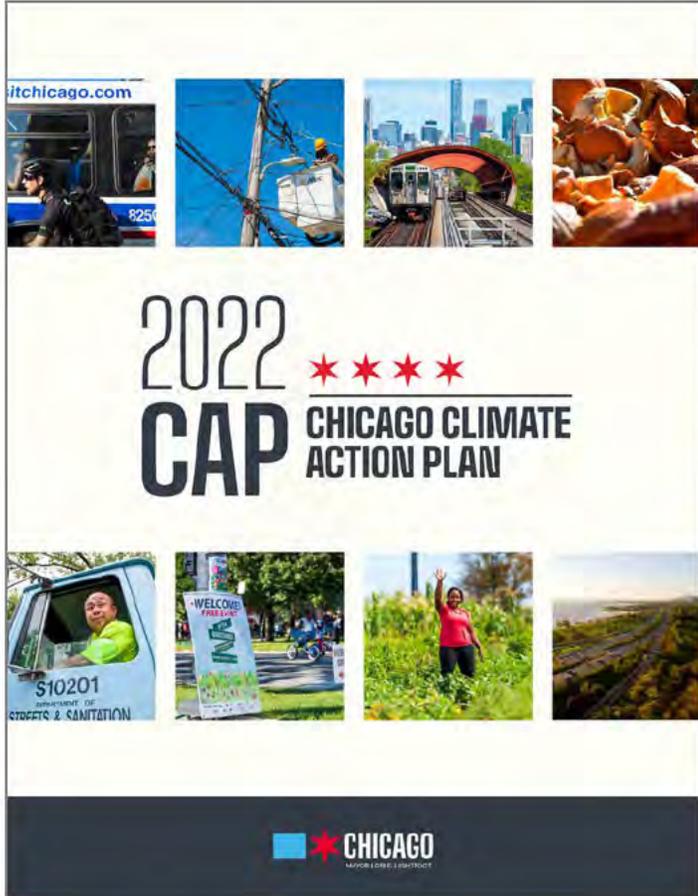
- Activities
- KO Kick-off
- # Workshops
- D1 First Draft
- D1C First Draft City Comments
- FDC Final Draft City Comments
- PP Published Plan

Approach to Prioritizing GHG Reduction Actions

- Key questions
 - » What actions are required to meet the City's net zero target?
 - » In addition to GHG reductions, which actions are most feasible, supported by stakeholders and community, and generate the most co-benefits for the community?

- Develop prioritization framework considering the following metrics
 - » GHG mitigation potential by 2030, 2040, and 2050
 - » CapEx, OpEx, ROI
 - » Synergies with existing plans and initiatives
 - » Co-benefits (resilience, health and safety, cost savings, air quality improvement, equity, etc.)
 - » Ease of implementation
 - » Timeframe

WSP Team brings National Expertise with Local Knowledge



"Highly Commended" Award for Branding of the Chicago Climate Action Plan