

Memorandum

MIAMI-DADE
COUNTY

CLERK OF THE BOARD

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CLERK, CIRCUIT & COUNTY CT.
MIAMI-DADE COUNTY, FLA.
#1

Date: February 16, 2017

To: Carlos A. Giménez
Mayor

From: Jack Osterholt
Deputy Mayor/Director
Regulatory and Economic Resources Department

Subject: Request to Advertise for Consulting Services for Developing Adaptation Strategies to Respond to Sea Level Rise
ISD Project No: E16-RER-01

RECOMMENDATION

This Request to Advertise for Consultant Services has been prepared by the Miami-Dade Regulatory and Economic Resources Department (RER) and is recommended for approval pursuant to Section 2-8.1 of the Code of Miami-Dade County.

SCOPE

Project Name: Design Services for Developing Adaptation Strategies to Respond To Sea Level Rise

ISD Project Number: E16-RER-01

ISD Contract Number: RTA17RER01

Project Description: The selected architectural and engineering (A/E) consultant will be evaluating alternative resiliency strategies on the basis of their technical efficacy, economic impacts, and co-benefits to the community.

Project Location(s): Miami-Dade County

Primary Commission District: N/A – project is County-wide

Approval Path: Board of County Commissioners (BCC)

ISD A&E

Project Number: E16-RER-01

Using Department: Miami-Dade Regulatory and Economic Resources Department

Managing Department: Miami-Dade Regulatory and Economic Resources Department

FISCAL IMPACT / FUNDING SOURCE

Funding Source:	<u>Source</u>	<u>Project#</u>	<u>Amount</u>
	General Fund	E16-RER-01	\$100,000
	Proprietary Revenue	E16-RER-01	\$500,000
	Total		\$600,000

Capital Budget Projects:

<u>Capital Budget Project# - Description</u>	<u>Amount</u>
N/A	N/A

Project Certification Category:

<u>TYPE</u>	<u>CODE</u>	<u>DESCRIPTION</u>
Prime	21.00	Land-Use Planning
Sub	10.10	Environmental Engineering – Coastal Processes and Ocean Engineering
Sub	10.01	Environmental Engineering – Stormwater Drainage Design Engineering Services
Sub	16.00	General Civil Engineering
Sub	19.10	Value Analysis and Life-Cycle Costing – Environmental Engineering

Ordinance: (I.O NO. 8-8)

Does the project qualify for compliance with the Sustainable Buildings Ordinance? No

Requirements Sustainable Buildings:

Deliverables involve technical services that exclude opportunities for achieving LEED or sustainable measures.

Contract Period: 365 calendar days / one (1) year

Estimated Contingency Period: 90 days

IG Fee Included in Base Contract: No

Art in Public Places: No

Base Estimate: \$540,000.00

	<u>TYPE</u>	<u>PERCENT</u>	<u>AMOUNT</u>	<u>COMMENT</u>
Contingency Allowance(Section 2-8.1 Miami-Dade County Code):	PSA	10%	\$54,000.00	N/A

Inspector General Fee (Ordinance No. 97-215): \$1,350.00

Cost Estimate: \$595,350.00

TRACK RECORD / MONITOR

Explanation: N/A - Explanation will be provided at the time of award.

Minimum Qualifications: The Prime and/or Subconsultants (Team) submitting a proposal must be experienced in developing comprehensive adaptation strategies for other clients that are of comparable size and complexity as Miami-Dade County. The Team should have demonstrated experience with critically evaluating alternative adaptation strategies to address sea level rise including experience with economic assessment of alternative adaptation measures. The Team must have demonstrated experience with evaluating alternative resiliency strategies on the basis of their technical efficacy, economic impacts, and co-benefits to the community. This experience would include demonstrated understanding of constraints that the unique karst geology and water management systems of Miami-Dade County places on adaptation. Thorough evaluation of potential adaptation measures and appropriate phasing of investment to support implementation will require technical expertise in the fields of engineering, economics, adaptation planning, financing and community engagement.

The Team must have demonstrated experience of quantifying the economic implications of different adaptation strategies including quantifying the costs of inaction. The Team should also have experience in financial analysis, cost/benefit analysis, and feasibility studies. The Team must have demonstrated experience with risk analysis and assessment of alternative risk mitigation investments. The Team must also have demonstrated experience with public engagement, consensus building, and graphically summarizing complex information in a way that can be readily understood by the public. The Team should have demonstrated experience with effectively soliciting community input on adaptation work in other communities.

The Subconsultant(s) shall provide experience specific to their proposed responsibilities. The descriptions shall include the client (i.e., municipality or agency), key project staff, a summary of the work performed, the contract amount, the schedule (to include start and completion dates) the specific role of the Subconsultant firm, the project's achievements (e.g., projects delivered on schedule, dollars saved, innovative designs, etc.), and client reference and contact information. The expertise must be met by a qualified individual(s) of the Prime firm and Subconsultants. The experience must be demonstrated by direct or substantial involvement of the individuals(s), in a supervisory capacity at the project manager level or above.

The determination of the individual's qualifications and compliance with the experience and qualifications shall be at the sole discretion of the County. The Competitive Selection Committee may negatively evaluate proposals from firms they determine have failed to meet the above experience and qualifications(s).

Review Committee:
Meeting Date: TBD **Sign-off Date:** TBD

Applicable Wages:
(Resolution No. R-54-10) N/A

Contract Measure Assigned:	<u>TYPE</u>	<u>GOAL</u>	<u>COMMENT</u>
	SBE/AE	6%	3% for TC 10.01 and 3% for TC 16.00

Mandatory Clearing House: N/A

Contract Manager
Name / Phone / Email: Manuel F. Blanco
 (305) 372-6541
 Manuel.Blanco@miamidade.gov

Project Manager
Name / Phone / Email: Katherine Hagemann
 (786) 427-5210
 katherine.hagemann@miamidade.gov


BACKGROUND: RER is seeking a consultant to evaluate alternative resiliency strategies on the basis of their technical efficacy, economic impacts, and co-benefits to the community.

RECOMMENDED SELECTION COMMITTEE:

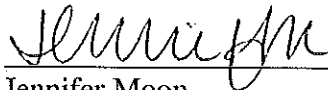
Potential Committee Member	Title	Department	Gender	Ethnicity	Education	Professional Licenses	
1	James Murley	Chief Resilience Officer	RER, Resilience	M	Caucasian	J.D. in Land Use and Environmental Law	J.D.
2	Virginia Walsh	Senior Professional Geologist, WASD	WASD	F	Caucasian	PhD. In Geology	P.G.
3	Lourdes Gomez	Supervisor, Long-Range Planning Section	RER	F	Hispanic		
4	Jerry Bell	Assistant Director for Planning	RER, Planning	M	Caucasian	Urban Planning	AICP
5	Hardeep Anand	Deputy Water & Sewer Director, WASD	WASD	M	Asian	Masters in Civil Engineering & Management of Information Systems	P.E.
6	Alejandro Barrios	Manager, Stormwater Drainage Design Section Roadway Engineering And	Transportation	M	Hispanic		P.E.


		Right-Of-Way Division, DTPW					
7	Patricia Gomez	Sustainability/Energy Program Manager	RER, Resilience	F	Hispanic		P.E.
8	Cathie Perkins	Planning Bureau Manager, Office Of Emergency Management	MDF	F	Caucasian	B.A.	

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RER Finance Director:  2/16/17
 Manuel Almuina
 Chief, Financial Services
 Date

Index Code: PEOFRES

**Budget Approval
 Funds Available:**  2/22/17
 Jennifer Moon
 OMB Director
 Date

 3/3/17
 Carlos A. Gimenez
 Mayor
 Date

Clerk Date: _____