City of Jacksonville, Florida

Lenny Curry, Mayor

Procurement Division
Ed Ball Building
214 N. Hogan Street, Suite 800
Jacksonville, Florida 32202

ONE CITY. ONE JACKSONVILLE.

MEMORANDUM

TO: **Competitive Sealed Proposal Evaluation Committee ("CSPEC")**

FROM: **Dustin Freeman, Chief of Procurement**

DATE: **June 13, 2023**

RE: **REQUEST FOR APPROVAL TO UTILIZE COMPETITIVE SEALED PROPOSAL PROCESS**

Pursuant to Chapter 126, Part 2, § 126.204, approval is requested to utilize the Competitive Sealed Proposal process to formally procure services for **A CITYWIDE PROBABILISTIC COMPOUND FLOOD MODEL & REAL-TIME FORECASTING SYSTEM.** As a follow-up to the same, the CSPEC is now requested to review and approve the solicitation documents attached hereto.

More specifically, the CSPEC is requested to review and approve the evaluation criteria as outlined in the attached Request for Proposal ("RFP"). Procurement's review in this matter has revealed that:

The attached Certification Letter and the Scope of Services received from the using agency appear to be in order.

The RFP **has been** reviewed and approved by Risk Management regarding insurance and indemnification requirements.

The RFP **has been** reviewed and approved by EBO regarding JSEB participation goals and EBO recommends: Encouragement Program

It is requested that the CSPEC take these issues into consideration in its review and/or approval in this matter.

CSPEC APPROVAL

Finance Director or designee	Procurement Director or designee
General Counsel or designee	Department/Agency Representative
Public Works Director or designee	

June 9, 2023

To: Dustin Freeman, Chief
Procurement Division

Thru: Bill Killingsworth, Director
Planning and Development Department

From: Anne Coglianese, Chief Resilience Officer
Planning and Development Department

Subject: A Citywide Probabilistic Compound Flood Model & Real-Time Forecasting System

The City of Jacksonville's Chief Resilience Officer is seeking a qualified firm to develop and implement a city-wide probabilistic compound flood model and real-time forecasting system. The location of the city along the Atlantic Ocean, Saint John's River and tributaries, and Intracoastal Waterway, makes Jacksonville uniquely vulnerable to the impacts of storm events, as evidenced during Hurricane Matthew in 2016 and Hurricane Irma in 2017. The city is also facing increased flood risks from extreme high tide events, exacerbated by sea-level rise, and extreme precipitation events, which can lead to localized stormwater flooding and tributary flooding.

Jacksonville's flood challenges become even more difficult when one or more of these flooding types happen simultaneously and when water movements are influenced by wind direction. Climate change is causing these hydrologic issues to occur more frequently and with more interaction between flood types. In order for the City of Jacksonville to adequately prepare for current and future flood challenges, the city needs a model that includes all flooding factors present in the city and produces outcomes that match the complexity of the city's hydrologic system.

The City of Jacksonville is seeking a qualified firm to lead the development and implementation of a fully probabilistic compound flood model and associated flood forecasting system. This model will include coastal, tidal, pluvial, and fluvial flood conditions, as well as wind factors, integrated into a single model and will develop a minimum of 10,000 mapped scenarios, giving city officials the most accurate and dynamic picture of flood risk while making policy and project decisions. Additionally, this scope includes the development of a real-time forecasting system that will connect NOAA meteorological data to the compound flood model developed under this contract to provide accurate flood information in advance of storm events.

Department of Finance and Administration

Procurement Division

CITY OF JACKSONVILLE

June 12, 2023

To: Dustin L. Freeman, Division Chief
Procurement Division

From: Dinah Mason, EBO/JSEB Administrator DLM
LaRoy Covington, EBO/JSEB Business Compliance Officer LC
Jacksonville Small and Emerging Businesses

RE: **A Citywide Probabilistic Compound Flood Model & Real-Time Forecasting System**

The Jacksonville Small and Emerging Business & Contract Compliance (JSEB) Office has reviewed the scope of work, consulted the using agency, and contacted ready, willing, and available JSEBs.

Based upon our findings, we recommend the following:

- ☒ Encouragement
- ☐ Participation
- ☐ Set-A-Side

Our outreach efforts are documented and attached. Please let us know if you have any questions or concerns.

I can be reached at (904) 255-8833.

Cc: Ruben Ola
Dinah Mason

Ola, Ruben

From: Ola, Ruben
Sent: Tuesday, June 13, 2023 8:55 AM
To: Flynn, Tracy; RiskReview
Cc: Freeman, Dustin; Collier, Kevin
Subject: RE: Risk Management Review: RFP for "A Citywide Probabilistic Compound Flood Model & Real-Time Forecasting System"

Thanks and this email is good enough for the acceptance of submitted insurance and indemnity coverage.

Sincerely,

Ruben Ola, Purchasing Analyst
City of Jacksonville
Procurement Division
Finance and Administration Department
214 N. Hogan Street, Suite 800
Jacksonville, FL 32202
Phone: 904.255.8823
Fax: 904.255.8837
Email: rubeno@coj.net

One City. One Jacksonville.

From: Flynn, Tracy <TFlynn@coj.net>
Sent: Tuesday, June 13, 2023 8:47 AM
To: Ola, Ruben <RubenO@coj.net>; RiskReview <RiskReview@coj.net>
Cc: Freeman, Dustin <DustinF@coj.net>; Collier, Kevin <CKevin@coj.net>
Subject: RE: Risk Management Review: RFP for "A Citywide Probabilistic Compound Flood Model & Real-Time Forecasting System"

Ola,

Risk accepts the insurance and indemnity provisions in this RFP.

Please let us know if you need anything else.

tf

Tracy A. Flynn
Chief of Risk Management
Finance and Administration Department
City of Jacksonville
117 W. Duval St., Suite 335
Jacksonville, FL 32202-3381
tflynn@coj.net
P: 904-255-5310
C :904-465-3517

Please note that under Florida's very broad public records law, email communications to and from City officials are subject to public disclosure.

From: Ola, Ruben <RubenO@coj.net>
Sent: Tuesday, June 13, 2023 8:41 AM
To: Flynn, Tracy <TFlynn@coj.net>; RiskReview <RiskReview@coj.net>
Cc: Freeman, Dustin <DustinF@coj.net>; Collier, Kevin <CKevin@coj.net>
Subject: RE: Risk Management Review: RFP for "A Citywide Probabilistic Compound Flood Model & Real-Time Forecasting System"

Good Morning,
See attached draft solicitation document.

Thanks,

Ruben Ola, Purchasing Analyst
City of Jacksonville
Procurement Division
Finance and Administration Department
214 N. Hogan Street, Suite 800
Jacksonville, FL 32202
Phone: 904.255.8823
Fax: 904.255.8837
Email: rubeno@coj.net

One City. One Jacksonville.

From: Flynn, Tracy <TFlynn@coj.net>
Sent: Tuesday, June 13, 2023 8:39 AM
To: Ola, Ruben <RubenO@coj.net>; RiskReview <RiskReview@coj.net>
Cc: Freeman, Dustin <DustinF@coj.net>; Collier, Kevin <CKevin@coj.net>
Subject: RE: Risk Management Review: RFP for "A Citywide Probabilistic Compound Flood Model & Real-Time Forecasting System"

Good Morning Ola,