



VILLAGE OF KEY BISCAIYNE

Village Council

Michael W. Davey, *Mayor*

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MEMORANDUM

DATE: April 9, 2019

TO: Honorable Mayor and Councilmembers

FROM: Andrea Agha, Village Manager 

RE: Rickenbacker Causeway RFQ

RECOMMENDATION

Please see attached proposed Request for Qualifications ("RFQ") scope of work, minimum qualifications and evaluation criteria with weighted point allocations for the Village of Key Biscayne vision for the Rickenbacker Causeway.

Objective:

The Village of Key Biscayne (the "Village") is seeking an experienced and qualified planning and engineering firm or team of firms to evaluate existing studies and plans for the Rickenbacker Causeway and generating a conceptual plan for the Village to finance, improve, and manage the Causeway. Tasks include, but are not limited to, data acquisition, analyzing traffic and economic studies, data, conditions, etc., and recommending practical courses of action toward the financing, improvement, and management of the Causeway in a conceptual plan. As part of its recommendation, the successful firm will propose several options for financing and managing the Causeway, which may include public/private partnerships and the creation of a Causeway Authority. The successful firm/team will be one that will work in coordination with the Village at every stage of the development of the conceptual plan. During the course of the evaluation, the successful firm/team will detail the benefits and shortcomings of each generated plan and examined study, with the ultimate goal of recommending a single plan, or combination of plans, that will become the Village's conceptual plan moving forward. Successful firms/teams should have experience in the following fields:

- Traffic Engineering
- Roadway Engineering / Design
- Project Design and Environmental Studies
- Transportation Planning / Modeling / Financing
- Transit Planning
- Bicycle and Pedestrian Planning
- Tolling and Toll Management
- Maintenance of Traffic
- Bridges and Structural Engineering
- Public Engagement / Public Information
- Experience working with the City of Miami and Miami-Dade County

Minimum Qualifications:

To qualify for evaluation, Proposers must meet the following requirements:

- Have been in business, and authorized to conduct business in the State of Florida, for at least five (5) years prior to the issuance of this solicitation performing work in the disciplines listed above;
- Have satisfactorily completed, as evidenced through client reference surveys, at least three (3) studies of comparable scope and complexity with a total value over \$150,000 within the last seven (7) years prior to the issuance of this solicitation; and
- Is licensed as an engineer or engineering firm by the State of Florida meeting all licensing requirements under Florida Statutes §471.

Submit three projects that demonstrate your firm's ability to perform this project on time and within budget. The projects must be similar in scope and size and prepared within the last 7 years. For each project provide a contact, including phone number and email addresses, the total cost of the study and a brief description of the recommendations that were the result of the study (note any recommendations that have been funded and implemented).

Evaluation Criteria:

Qualifications of Proposer/Firm	20 Points
Qualifications of Project Manager	30 Points
Qualifications of Project Team	20 Points
Project Approach	50 Points
Technical Capabilities	40 Points (total)
Value Engineering	10 points (sub)
Quality Control	10 points (sub)
Coordination with Government Agencies and Public	20 points (sub)
Experience (comparable projects)	40 Points

Total: 200 Points

GENERAL DESCRIPTION OF SCOPE (To be negotiated)

Task 1: Public Engagement

In this task the consultant shall meet with Village of Key Biscayne residents, business owners, and other interested community groups to gain an understanding of the Villages needs and desires relative to ingress and egress to the community. This will include one public workshop, and two presentations to the Village Council, as well as multiple meetings with staff. Presentations will be submitted to the Village Project Manager for review and approval prior to their delivery to Village Council. The Project Manager may request minor revisions, such as the manner in which information is presented, for no additional cost to the Village.

Task 2: Data Collection

In this task the consultant shall collect all relevant studies and plans existing that concern the Rickenbacker Causeway, including studies of Virginia Key, Crandon Park, or ingress and egress from the Village of Key Biscayne that concern the Rickenbacker Causeway. Such plans and studies may be sourced from the following, nonexhaustive list: (1) Village of Key Biscayne Transportation Master Plan; (2) Miami-Dade Transportation Planning Organization's Unified Planning Work Program; (3) Long Range Transportation Plan; (4) the Miami-Dade County Transportation Improvement Program; (5) The Miami-Dade County Parks and Recreation Department; (6) the Florida Department of Transportation work program; (7) The City of Miami; (8) any Maintenance of Traffic Plans for special events; (9) project design and environment studies; and/or (10) privately produced plans. Similarly, the consultant shall meet with appropriate representatives including, but not limited to, the Transportation Planning Organization, Miami Dade County, City of Miami and FDOT to obtain plans, studies, data, or clarifications regarding the above mentioned plans or studies or the Rickenbacker Causeway generally. Specific plans to be reviewed include, but are not limited to, the Plan Z for Miami, Rickenbacker Causeway.

Aside from the data collected through the plans and studies mentioned above, additional data may need to be collected, regarding volumes, mode split, parking occupancy / capacity, future projections and capacity, as well as special event impact on travel time and delay, etc., in which case, consultant will be required to conduct such studies as necessary. Should the need for additional study arise, consultant will notify the Village of the need prior to initiating any work. Consultant will prepare a work order proposal for additional study and the compensation shall be negotiated at that time utilizing the rates established in the awarded contract.

Task 3: Review of Information and Analysis

All plans and studies reviewed or conducted in Task 2 shall be compiled and condensed into an executive summary generated for the Village. The executive summary shall contain all factors and data relevant to the Village's goal of financing, improving, and managing the Rickenbacker Causeway, including graphic depictions of the improvements to be made, a matrix of improvements with the anticipated cost of each, the benefits and shortcomings of each improvement, and recommending financing options for the entire Rickenbacker Causeway or significant segments that facilitate the Village's goal. Each improvement will be evaluated for how it impacts the flow of traffic including bicycles and pedestrians, how much it costs to plan, design and construct, how it impacts ingress and egress to and from the Village boundaries to the entrance of the Causeway, and what potential funding sources are available for it. Consultant shall consider travel time and delay during its review of each plan to determine its efficiency and effectiveness. Consultant shall also analyze the overall safety elements of each plan and generate recommendations with respect to maintaining bicycle, pedestrian, and vehicular safety.

Task 4: Recommendations

In coordination with the Village, Consultant shall engage in a cost-benefit analysis and formulate a final set of recommendations, as to which plan, individual improvements, or combination of individual improvements would serve the needs of Key Biscayne most effectively. The recommendations could include a complete fresh and innovative approach, not limited to existing studies or recommendations from other agencies/groups. These could include direct access from Miami to Virginia Key (double-deck fly over or circle back under the bridge could be considered). The final deliverable will be in the form of a conceptual design and will include a preliminary cost estimate and recommended funding strategies. Funding sources could include potential grants or opportunities for public/private partnerships. The conceptual design will be submitted to the Village Project Manager for one (1) round of comments prior to acceptance.

The preferred recommendation will be presented to the Village Council for consideration. The recommendation will be supported by analysis that shows its comparative effectiveness with other improvements and plans.