



**CITY OF EAST PROVIDENCE  
CAROUSEL STABILIZATION PROJECT  
SPECIFICATIONS  
RFP EP20/21-17  
BID OPENING FRIDAY, AUGUST 27, 2021 AT 11AM**

**I. INTRODUCTION**

The Historic Charles I.D. Loeff Carousel at Crescent Park was built in 1895 and is currently closed due to structural foundation issues. Once the foundation is stabilized the carousel will be fully operational again. Originally built as a showcase for prospective buyers, it is the largest and most elaborate of Loeff's works. The Carousel contains 62 beautifully hand carved figures and four fanciful chariots. Overall richness of effect was Loeff's trademark and the Crescent Park Carousel gives full interpretation to that spirit. Elaborate embellishments of decorative panels, beveled mirrors, faceted glass jewels, electric lights, colored sandwich glass windows and its original band organ music surround flying steeds to create Loeff's "Total Carousel Experience." The Crescent Park Carousel Preservation Association is non-profit organization whose goal is to preserve the Carousel to ensure that future generations have the opportunity to ride and enjoy this magnificent treasure. Restoration and up keep of this treasure is ongoing and costly. The Preservation has created a plan to help sustain future restoration and provide ongoing support to the Carousel.

**II. SITE DESCRIPTION**

The existing carousel is located at 700 Bullocks Point Avenue, in Riverside, East Providence Rhode Island. The carousel sits on an approximately 3.5 acres parcel with associated parking area and miscellaneous buildings including concession stand and public bathrooms.

**III. OBJECTIVE**

The City of East Providence is soliciting proposals from companies that specialize in foundations and more specifically foundation stabilization. During a recent renovation the floor deck was removed which resulted in excessive movement of the main mast. That and the fact that the carousel is approximately 125 years old, the foundation requires stabilization. The carousel sits on a sandy soil with existing concrete piers located below each mudsill. There are four mudsills which support the main mast which in turn supports the entire ride. The stabilization plans have been designed by Geisser Engineering and Carousels and Carvings, Inc. A test pier support has been installed and the information is included herein.

#### IV. SCOPE OF WORK

The project shall be bid as a lump sum and shall meet the minimum requirements shown on the plans and as described within these specifications. Any temporary support and/or deviations from the enclosed plans will require stamped engineered drawings from a Rhode Island Professional Engineer, cost to be borne by the contractor and included in the lump sum bid price. The existing carousel ride deck has been stabilized in anticipation of this work. The work required to meet the City's objective shall consist of but not necessarily be limited to the following activities:

**A. CONSTRUCTION PHASE:** Required services shall include, but not limited to:

1. Preparation and submittal (3 copies) of all necessary shop drawings, samples, and submittals to conform with approved design elements including but not limited to means and methods of temporary support, floor joist replacement, jack plate assembly, etc.
2. Install 16 supplemental helical foundation piers as specified on the engineered drawing (*Geisser*, Page 1 of 3). H4 under mudsill 3 has already been installed as a test pier.
  - a. Eight (8) supplemental helical foundation piers support the beams for the center floor as indicated in the engineered drawing. (*Geisser*, Page 2 of 3 - 1/s-2)
  - b. Eight (8) supplemental helical foundation piers support the concrete piers that will be installed below the mudsills. Two (2) supplemental helical foundations piers per concrete pier as indicated in the engineered drawing. (*Geisser*, Page 2 of 3 - 2/s-2)

Type of Pier to be installed: TAF – 350 – 84 3/8", 8"x10"x12"

Estimated Depth 14 ft

Torque Motor 4,500 ft – lb

Design Load: 10,000 lbs

3. Form and pour new concrete piers under each mudsill as indicated in engineered drawing (*Geisser*, Page 2/s-2). Jack plates will be provided by Carousel and Carvings, Inc. Install jack plate assembly as indicated on the Carousels and Carvings Inc. drawing. (*Carousels and Carvings*, Page 1 of 1). Actual connections shall be performed by Carousels and Carvings, Inc. personnel.
  - a. Removal of floor joists from beneath mudsills where required (provide stamped shop drawing).

- b. Create and install concrete pier forms. These forms must be no more and no less than 2 and ¼ inches beneath each mudsill, must incorporate two (2) helical piers as designated on the engineered drawings and must meet the 3,000 PSI concrete required by the Engineer.

\*\*\* These concrete piers will need to be installed one at a time to keep the carousel mast from tipping. Once the form has been created and installed, concrete will need to be poured and hardened to Engineer specifications. The jack plate assembly must be installed before the next pier can be poured. Each mudsill should float until jack plate assembly is in place. \*\*\*

4. Replace removed floor joists (2A)
5. Install subfloor
6. Reinstall finished flooring, which shall be cut 6-inches shorter than the subfloor along the perimeter.
7. Replace/rebuild hatch entry
8. Sand and stain finished floor

Add/Alternate 1. Depth of 21ft for supplemental Helical Foundation piers.

Add/Alternate 2. Install two (2) supplemental resistance foundation piers as indicated on engineered drawing. (*Geisser*, Page 3 of 3 - 3/s-3)

Add/Alternate 3. Fill and skim coat / seal center mast foundation.

## **V. SUBMISSION OF PROPOSAL**

Four (4) sealed copies of technical proposals shall be submitted to the Controllers Office, Attn: Dawn Kenney, Procurement Specialist, Room 103, East Providence City Hall, 145 Taunton Avenue, East Providence, RI 02914-4505 by **11AM on FRIDAY, AUGUST 27, 2021**. Responses to this solicitation should, at a minimum, include the following:

- A company brochure including address, city, state, phone and fax numbers, e-mail and web page address.
- Provide a signed statement that your firm is not currently on the Government Contractor Debarred List prohibiting any contractual relationship using federal funds.
- A description of the company's background in working with projects of similar scope describing previous collaboration experience on relevant projects.
- A description of the background experience and involvement of personnel who will be assigned to the project.
- References
- Any other information deemed to be pertinent in assisting the City in adequately reviewing the firm's capabilities and qualifications with respect to the proposed project.

- Bonding capability for a \$150,000 project.
- A Cost Proposal is to be submitted along with a schedule, which will identify the proposed cost structure for reimbursement, lump sum, as well as all applicable breakdowns of anticipated man hours per task, multipliers, and/or milestones for percentage payments, etc. that are appropriate for each phase of the scope of work. The City reserves the right to award the entire contract of any portion thereof to the most qualified bidder, as judged solely by the City. The City also reserves the right to delete elements of each phase should it be deemed in the City's best interest to do so.

## **VI. ESTIMATED PROJECT TIMETABLE**

Solicitation of Proposals:	July 30, 2021
Pre-proposal meeting:	August 12, 2021 (On-site, 2 PM)
Submission of Proposals:	August 27, 2021 (11AM)
Contract Award:	September 8, 2021
Contract Completion	November 30, 2021

## **VII. SELECTION PROCESS AND CRITERIA**

Proposals will be reviewed by City staff from the Department of Public Works and Carousel staff. This is a Request for Proposal, as such responses will be evaluated on the basis of the relative merits of the proposal, in addition to associated fee. The City reserves the right to schedule interviews following the submission of the proposals. The selected firm shall be chosen based on its qualifications, strength of its proposal, and associated fees. The following criteria will be used to evaluate the responses:

### **1. Company Qualifications and Experience**

Specialized experience is required in a series of work areas. Proposals must clearly demonstrate full knowledge, understanding, and experience in the methods, techniques and guidelines required for the performance of the required work. All elements within this factor are of equal importance.

The BIDDER must demonstrate experience in foundation stabilization projects within New England and New York area.

The BIDDER must obtain a building permit from the City. City fees will be waived however ADA fees will apply (assume \$1/\$1,000).

2. Personnel Qualifications and Availability

Specialized experience is required of the project personnel proposed to undertake the work assignments. Proposal must clearly demonstrate the capability, academic background, training, certifications and experience of the proposed personnel. The availability of the proposed staff is also of critical importance and must be demonstrated. Specific project experience relevant to this scope of work must be demonstrated, as well as specific company experience.

3. Performance Record of Firm

A list of references of at least three (3) recent contracting officers on projects of a similar magnitude and complexity; references must include telephone number and affiliation.

4. Project Understanding and Approach

The BIDDER must demonstrate a comprehension of the role and function of this project in meeting the objectives of the CITY.

In addition to the understanding of the scope and approach, the BIDDER must demonstrate the following which will be considered in the selection:

1. Knowledge of current issues and state of the art in the relevant technical areas.
2. Experience demonstrated on similar projects.
3. Working knowledge of the geographic area as evidenced by prior work experience in the region.
4. A demonstrated expertise and ability for rapid turn-around and flexibility on short-term projects.
5. The capability to effectively direct multiple simultaneous work assignments.
6. An ability to integrate and utilize interdisciplinary study teams effectively on assignments requiring a variety of skills and expertise from in-house resources.
7. The ability to provide the necessary skills and expertise from in-house resources.
8. Methods for assuring product quality, cost control, delivery schedule and project oversight. A narrative description of the BIDDER'S quality control plan must be included.

9. Proven ability to work with municipal, state and federal government agencies and complete projects in a timely fashion and within the prescribed budget.

## **VIII. GENERAL CONDITIONS**

- A. The City reserves the right to reject any and all proposals, to waive any informality, to request interviews of contractors prior to award and to select and negotiate the contractor's services in the best interest of the City.
- B. The City reserves the right to accept all or part of any proposal and to negotiate a contract for services and cost with the selected Contractor.
- C. The Contractor shall provide all necessary personnel, sub-contractors, materials and equipment to perform and complete all work under this proposal.
- D. All original documents and drawings shall become the property of the City after completion of the consultant's work.
- E. The Contractor shall be prepared to commence work immediately upon execution of a contract with the City.
- F. Ride shall be balanced to within industry standards and to the satisfaction of the City and State Building Commissioners Office, Amusement Ride Inspector.
- G. A retainer of 5% shall be kept by the City for one year to be dispersed upon inspection the following year for stabilization and balance.

Any questions should be in writing and directed to Dan Borges, Director of Public Works [dborges@eastprovidenceri.gov](mailto:dborges@eastprovidenceri.gov) or Erik Skadberg, City Engineer, City of East Providence, Rhode Island [eskadberg@eastprovidenceri.gov](mailto:eskadberg@eastprovidenceri.gov) by **THURSDAY, AUGUST 19, 2021 AT 4PM.**

The City reserves the right to reject any/or all companies, to waive any informality in the qualification statement, and to pre-qualify any company based on what the City deems to be in its best interest.