

**New Jersey Turnpike Authority  
Engineering Department**

**Order for Professional Services No. T3922  
FINAL DESIGN SERVICES FOR NEWARK BAY-HUDSON COUNTY EXTENSION  
IMPROVEMENTS PROGRAM, SECTION 2, MILEPOST N1.3 TO N2.9**

**Addendum No. 1 and Response to Inquiries  
Request for Expressions of Interest  
September 6, 2023**

**Addendum No. 1:**

1. Page 4 of 56, Rating Factors, No. 2. Experience of Project Manager on Similar Projects, last paragraph, last sentence is replaced with the following:

"Unless otherwise noted, the Project Manager shall be a Professional Engineer licensed in the State of New Jersey or have the ability to obtain said license prior to Execution of the Contract. If not already a Professional Engineer licensed in the State of New Jersey, evidence of a pending license application for the Project Manager shall be submitted as an attachment to the RFEOI response."

2. Page 5 of 56, Rating Factors, No. 3. Key Personnel's Qualifications and Relevant Experience, last paragraph is replaced with the following:

"Key Personnel, as defined above, proposed shall be a Professional Engineer licensed in the State of New Jersey or have the ability to obtain said license prior to Execution of the Contract. If not already a Professional Engineer licensed in the State of New Jersey, evidence of a pending license application for Key Personnel shall be submitted as an attachment to the RFEOI response. Key Personnel shall not be removed from or replaced on this assignment without prior approval of the Authority."

3. Page 9 of 56, Subsection A1, Expression of Interest Submission Requirements, A.6.C, second paragraph is replaced with the following:

"An additional eleven (11) single-sided letter-sized pages shall include information for alternate staffing as follows:"

4. Page 22 of 56, Subsection B2, Detailed Scope of Work, B.13.a, the following is added:

"x. Perform an erection analysis of the cable-stayed bridge during all anticipated loading conditions and various stages of erection during construction, including the need for temporary

bracing and emergency bracing and stabilization for wind and weather events during construction. Prepare a cable-stayed bridge Erection Analysis Report and Erection Manual.”

5. Page 23 of 56, Subsection B2, Detailed Scope of Work, B.13.b, the following is added:

“viii. Perform an erection analysis of the approach spans during all anticipated loading conditions and various stages of erection during construction, including the need for temporary bracing and emergency bracing and stabilization for wind and weather events during construction. Prepare an approach span Erection Analysis Report Erection Manual.”

6. Page 24 of 56, Subsection B2, Detailed Scope of Work, B.15, is replaced with the following:

#### Demolition

The Successful Qualified Firm shall evaluate and provide deconstruction contract documents for the demolition and legal disposal of the existing Newark Bay Bridge and its approaches within the milepost limits of this Final Design OPS. The Successful Qualified Firm shall analyze the existing structures and develop a demolition sequence for these structures, including the existing through-truss tied arch which is part of Structure No. N2.01. The demolition analysis and sequence shall always ensure the stability of the existing structure, the safety of adjacent structures, and meet the requirements of the Program’s schedule. The Successful Qualified Firm shall investigate allowable equipment which may be used for demolition, the access requirements for demolition, and means and methods that shall not be permitted, and include this information in the contract documents.

7. Page 30 of 56, Subsection B2, Administrative, Item 2., first paragraph is replaced with the following:

“Management Requirements – The Successful Qualified Firm’s Project Manager and Key Personnel shall possess a valid New Jersey Professional Engineer’s license or have the ability to obtain said license prior to Execution of the Contract. If not already a Professional Engineer licensed in the State of New Jersey, evidence of a pending license application for the Project Manager and Key personnel, as required, shall be submitted as an attachment to the RFEOI response. The Successful Qualified Firm’s Project Manager and Key Personnel shall not be removed from the OPS and replaced with another Project Manager or Key Personnel without prior written approval from the Authority’s Chief Engineer or his representative.”

8. Page 32 of 56, Subsection B2, Deliverables, paragraph 10 is replaced with the following:

“In addition to the submission documents specified in the Authority’s Procedures Manual, the following submissions and reports are required during final design for the cable-stayed bridges:

- Climatology Report
- Wind Tunnel Testing/Aeroelastic Stability Report
- Seismic Report

- Hydraulic and Hydrological Study
- Vessel Impact Study Report
- Security Report
- Constructability Review Report
- Cable-Stayed Bridge Erection Analysis Report and Erection Manual
- Approach Span Erection Analysis Report and Erection Manual
- Life Cycle/Service Life Report
- Bridge Maintenance and Inspection Report and Manuals
- Bridge Component Replacement Report"

**Inquiries:**

1. Please let me know if you have any list of prime consultants submitting a proposal for this project.

**Response:**

Firms presently prequalified to bid on this project can be found on page 34 of 56 in the Request for Expressions of Interest.

2. Can the organization chart be provided on 11x17?

**Response:**

The organizational chart can be provided on one (1) 11x17 inch foldout sheet.

3. Please clarify what is intended with "erection analysis" for the Key Personnel position for "Constructability Engineer for the constructability and erection analysis of the cable-stayed bridge". Is the intent for the Constructability Engineer to provide construction stage analysis (2D or 3D FEA computer modeling) of the bridge for the stages depicted in the EOR's Superstructure and Pylon Construction Sequence drawings (to be included in the final drawings) as the phrase "erection analysis" implies, or just provide constructability review of the Construction Sequence drawings?

**Response:**

The responding Qualified Firm shall provide Key Personnel which best demonstrate their understanding and ability to perform the scope of work required for erection analysis as further described in Addendum No. 1, Items 4 and 8.

4. Subsection B.19 under Detailed Scope of Work, Constructability (page 25 of 56 on the RFEOI), 4<sup>th</sup> paragraph states "The Constructability Review shall be performed by qualified construction personnel that are not a member of the design team". If the "construction personnel" is from a contractor, will the contractor be precluded from bidding on the job when advertised for construction?

**Response:**

A contractor providing construction personnel for “constructability reviews” will not be precluded from bidding on the construction contracts associated with this OPS due to their involvement with the constructability review.

5. **Original Inquiry:** Will the firm that provided the Engineer of Record for demolition of the existing bridge be precluded from bidding on the demolition contract?

**A request for further clarification on Inquiry 5 above yielded the following question:**

Will the firm that provides the Engineer of Record for demolition of the existing bridge be precluded from participating at a later time as a subconsultant to a contractor that will bid on the demolition contract?

**Response:**

A firm providing the Engineer of Record for demolition of the existing bridge will not be precluded from serving as a subconsultant on the demolition contract.

6. A Key Personnel position is listed for an “Engineer of Record for the demolition of the existing arch bridge”. Is that position intended to also include the approaches within the mileposts limits of the final design OPS?

**Response:**

The responding Qualified Firm shall provide Key Personnel which best demonstrates their understanding of the scope of work required and ability to successfully deliver all aspects of this final design within the Project’s limits of work.

7. The inspection report provided is dated June 18, 2021. Will the 2023 Inspection Report be made available? Under Item 16 on Page 24 of the RFEOI it indicates that only maintenance of the existing bridge decks are required. Please confirm if any other elements (structural steel, bridge lighting, etc.) will be included under the routing and emergency repairs.

**Response:**

The 2023 Biennial Bridge Inspection report will not be provided. Work required to be completed under Item 16 - Routine and Emergency Bridge Repairs will be as specified in the scope of work included in the RFEOI. Also, as noted under Item 16 - Routine and Emergency Bridge Repairs in the RFEOI, a total design cost to be utilized for this task will be provided to the Qualified Firms if and when they are requested to provide a Technical and Sealed Fee Proposal for this assignment.

8. The redaction of information in the Draft Preliminary Design Report related to the other projects limits information on how Section 2 is anticipated to be coordinated with adjacent contracts. Is there any additional information that can be shared on the timing and schedule of adjacent contract work? Can the unredacted report/final report be provided prior to the release of the Request for Technical Proposal?

**Response:**

No additional information will be provided at this time. Reference material that will be provided to the Qualified Firms that are requested to provide a Technical and Sealed Fee Proposal for this assignment will be evaluated at that time.

9. On page 5 under 3. Key Personnel's Qualifications and Relevant Experience, the RFEI states, "Key personnel, as defined above, proposed shall be a Professional Engineer licensed in the State of New Jersey." While we appreciate the importance of adhering to licensing requirements, would it be acceptable to proposed key personnel who are in the process of gaining their New Jersey PE license via comity and will be appropriately licensed by the time of the contract award? This will allow firms to propose staff who are most qualified to deliver a signature bridge project of this magnitude while ensuring they are properly credentialed by Notice to Proceed.

**Response:**

See Addendum No. 1, Items 2 and 7.

10. Can the organizational chart be provided on (1) or multiple 11x17-inch foldout sheet(s)?

**Response:**

The organizational chart can be provided on one (1) 11x17 inch foldout sheet.

11. Please confirm-are the alternative staffing resumes noted in Subsection A1.6.C limited to one (1) or (2) single-sided letter-sized page(s) maximum per resume? The subsequent "additional six (6) single-sided letter-sized pages..." would cap the alternative resumes at one (1) page maximum per resume if submitting five (5) alternative staff members.

**Response:**

See Addendum No. 1, Item 3.

12. Can the "program-specific criteria" referenced in Subsection B2, General, Section 1 be made available to review?

**Response:**

No additional "program-specific criteria" will be provided at this time outside of what is currently provided in the reference material.

13. Will the Successful Qualified Firm be provided the communication log and/or communication records with the utility companies contacted during the preliminary design phase?

**Response:**

Relevant communication logs and/or communication records with utility companies from the Preliminary Design Phase will be made available to the Successful Qualified Firm.

14. Will the Successful Qualified Firm be provided the communication log and/or communication records with non-NJTA agencies contacted during the preliminary design phase?

**Response:**

Relevant communication logs and/or communication records with non-NJTA agencies from the Preliminary Design Phase will be made available to the Successful Qualified Firm.

15. Can a copy of the Subsection B2, Detailed Scope of Work, Section B.6 "Memorandum of Understanding" between NJDEP and the Authority dated April 2, 2020 be provided?

**Response:**

The "Memorandum of Understanding" between NJDEP and the Authority dated April 2, 2020 will not be provided as reference material.

16. Should proposers assume temporary tie-ins to existing NB-HCE at project termini will be necessary? Or will other program sections cover tie-in with coordinated work zones and completed sections of proposed infrastructure?

**Response:**

The responding Qualified Firm will be responsible for the limits of work as described in the in the RFEOI, Subsection B2. Coordination of design activities at the project interface with other design sections shall be conducted as described in Subsection B2, Administrative, Item 1, paragraph 2.

17. Can the NJ PE requirement for the Wind Engineer Key Personnel be satisfied with an "NJ PE License pending" designation, with the understanding that the proposed Key Personnel will have obtained an NJ PE by the time NTP is given for OPS No. T3922?

**Response:**

See Addendum No. 1, Item 2.

18. Per RFEOI, pg. 9 of 56, 1. Letter of Interest – Is it acceptable for the 11x17 foldout sheets to have a legible font size of 8 pt minimum? Is it acceptable for the 11x17 to have a 0.5-inch margin border?

**Response:**

The 11x17 foldout sheets shall have minimum 1-inch borders and minimum font size of 10 pt.

19. Per RFEOI, pg. 9 of 56, 1. Letter of Interest – Is it acceptable for graphics and/or tables included in the 8-page Letter of Interest to be a legible font size of 8 pt minimum?

**Response:**

Graphics and/or tables included in the 8 page Letter of Interest shall have a minimum font size of 10 pt.

20. Per RFEOI, pg. 9 of 56, 2. Letter of Interest – Is it acceptable for the organizational chart to have a legible font size of 8 pt minimum? Is it acceptable for the organizational chart to be on 11x17?

**Response:**

The organizational chart shall have a minimum font size of 10 pt. The organizational chart can be provided on one (1) 11x17 inch foldout sheet.

21. Can a draft of the Geotechnical Report be provided as part of the RFEOI? If not, will it be provided prior to the release of the Request for Technical Proposal?

**Response:**

No additional information will be provided at this time. Reference material that will be provided to the Qualified Firms that are requested to provide a Technical and Sealed Fee Proposal for this assignment will be evaluated at that time.

22. Can the "N2.01 Bridge Type Study, dated September 2021" noted on Page 10/93 of Draft Final Preliminary Design Report be provided as part of the RFEOI? If not, will it be provided prior to the release of the Request for Technical Proposal.

**Response:**

No additional information will be provided at this time. Reference material that will be provided to the Qualified Firms that are requested to provide a Technical and Sealed Fee Proposal for this assignment will be evaluated at that time.

23. Can the submitted permit application documents be provided?

**Response:**

No additional information will be provided at this time. Reference material that will be provided to the Qualified Firms that are requested to provide a Technical and Sealed Fee Proposal for this assignment will be evaluated at that time.

24. Can the Preliminary Stormwater Management Report and Preliminary Lighting and Power Distribution Design Report listed on Page 4/93 of the Draft Final Preliminary Design Report be provided as part of the RFEOI? If not, will they be provided prior to the release of the Request for Technical Proposal?

**Response:**

No additional information will be provided at this time. Reference material that will be provided to the Qualified Firms that are requested to provide a Technical and Sealed Fee Proposal for this assignment will be evaluated at that time.