

October 5, 2022

To: ALL CONSULTANTS

**Subject: REQUEST FOR EXPRESSIONS OF INTEREST
Multi-Project Solicitation**

**ORDER FOR PROFESSIONAL SERVICES NO. T3907
2023 New Jersey Turnpike Authority Bridge Inspection Program
NEW JERSEY TURNPIKE – Group 2
Milepost 67 to 99**

And

**ORDER FOR PROFESSIONAL SERVICES NO. T3908
2023 New Jersey Turnpike Authority Bridge Inspection Program
NEW JERSEY TURNPIKE – Group 4
Milepost 99 to 122**

The New Jersey Turnpike Authority (Authority) invites Expressions of Interest (EOIs) for two (2) Simple projects from engineering Firms prequalified and eligible in the following Profile Code.

Profile Code	Description
D280C	Bridges - NBIS Program, Complex

Attached (see Attachment A) is a list of all consultants currently prequalified and eligible to submit an EOI for the above referenced assignment. *Joint Ventures (*Firms interested in submitting an EOI as a Joint Venture must be prequalified as a Joint Venture with the Authority) that meet all Profile Code requirements are also eligible to submit an EOI.

To qualify as a prequalified consultant, a Firm **must** have on file with the Authority a current “Professional Service Prequalification Questionnaire” (PSPQ) package prior to submission of the EOI. A current PSPQ is one that has been on file with the Authority for no more than 24 months, or in certain cases for no more than 12 months. Only those Firms who have been prequalified for the specified profile code this project entails will be considered. Prequalification is not required for subconsultants. Prequalification is required for Joint Ventures.

The Authority has adopted a Disabled Veteran Owned Business (DVOB) Enterprise Program (the DVOB Program). Under the DVOB Program, Firms interested in being considered for this OPS agree to make a good faith effort to award at least three (3) percent of the assignment to those businesses that meet the requirements and have been registered by the Division of Revenue & Enterprise Services/Department of Treasury as a Disabled Veteran Owned Business Enterprise. Firms shall demonstrate how they will utilize DVOB Firms in order to achieve the 3% goal and add value to the project team.

The Authority shall also be seeking participation of Small Business Enterprises (SBE) as subconsultants. The project goal is 25% SBE participation to New Jersey Businesses (see Subsection B2).

The following attachments are incorporated into and made part of the RFEOI:

- Attachment A – EOI Submission Requirements (A1 through A8); and
- Attachment B - RFEOI Standard Information (B1 through B14)

This solicitation is for professional services required to inspect and provide individual inspection reports for 194 bridges located in the southern region (Group 2) of the New Jersey Turnpike for OPS No. T3907, and 172 bridges located in the northern region (Group 4) of the New Jersey Turnpike for OPS No. T3908.

The specific services for this solicitation can be found in *Subsection A3, "Scope of Services" attached herewith.*

Project Description

The Bridge Inspection Program for the New Jersey Turnpike (TPK) consists of the inspections for 595 routine bridges and 24 major bridges. The routine bridges are divided into four (4) Groups. Bridges located in Groups 1 and 3 are to be inspected every even year and bridges in Groups 2 and 4 are to be inspected every odd year. This Request for Expression of Interest (RFEOI) is for TPK Groups 2 and 4. A routine bridge is typically a mainline or local road structure with an average of four simple spans and a multi-girder system which carries or spans over multi-lane/direction expressway traffic. The inspection and report format will follow the standard requirements for the New Jersey Turnpike Authority bridge inspection program and shall utilize proprietary software provided by Bentley "AssetWise Inspections" (aka AWI) to develop the reports.

These OPS' require the preparation of draft and final inspection reports, data collection and input by using Bentley's AWI software, and other related work defined in the Scope of Work. See Subsections A7 to A8 for the lists and schedules of structures to be inspected for each Group.

Project background materials (*preliminary plans, studies, reports, etc.*) will be available for review electronically through the Authority's Secure File Sharing site (Kiteworks) in the "*Background Materials*" folder. Access to the secure workspace will be provided to all prequalified and eligible Consultants via e-mail as part of the RFEOI notification process. If there are any questions or issues related to the Secure File Sharing site, please contact King F. Lee., P.E. via e-mail at klee@njta.com. The subject line should read "OPS Nos. T3907 and T3908 TPK Groups 2 and 4 Bridge Inspection, secure file sharing site information."

Staff Qualifications

Key project personnel shall possess relevant training and experience demonstrating 1) successful completion of effective scheduling for National Bridge Inspection Standard (NBIS) inspection of large groups of routine bridges and report submittals and 2) FHWA SI&A and Element Level Inspection data input and updating capabilities. Project Managers, Team Leaders, Assistant Team Leaders, Divers, Load Rating Engineers, Load Rating Reviewers, and Quality Control Engineers must meet the requirements outlined in the "Qualifications of Key Bridge Inspection Personnel" document on the Authority's website at <http://www.njta.com/doing-business/njta-bridge-inspect-program> under the heading "Bridge Inspection Program" and as summarized on the NJTA Bridge Inspection Qualification Summary Form QAF3 – Quality Assurance Audit: Technical Managers Qualifications Review Checklist (QAF3 Form). The QAF3 form is included within Appendix B of the NJTA Bridge Inspection Program Quality Management Plan. These factors will be critical elements in the selection process.

Submission Requirements for Expression of Interest

Firms that are interested in being considered for these services must submit a total of **five (5)** copies of their Expression of Interest, no later than **10:00 AM on October 26, 2022**. EOI's are to be submitted as follows: **One (1)** PDF copy uploaded to the Authority's Secure File Sharing Site (**Kiteworks**); as well as **four (4)** hard copies, delivered to the Authority's Headquarters on or before the date and time referenced above.

Late submissions will not be considered.

EOIs shall be addressed to:

Hand or Overnight Delivery

**New Jersey Turnpike Authority
1 Turnpike Plaza
Woodbridge, NJ 07095
Attn: Engineering Department, Structure Design
King F. Lee, P.E., Project Engineer**

U.S. Mail

**New Jersey Turnpike Authority
P.O. Box 5042
Woodbridge, NJ 07095-5042
Attn: Engineering Department, Structure Design
King F. Lee, P.E., Project Engineer**

Access to the secure folder(s) in Kiteworks for this OPS will be limited to each Consultant team and NJTA staff (by invitation from Kiteworks). All required submissions are to be uploaded as one PDF document to the appropriate folder for the submission type (e.g., EOI, Technical Proposal, Fee Proposal), and shall be in accordance with the following naming convention: *(OPS#_EOI/Technical Proposal/Fee Firm Name)*. To gain access to Kiteworks, firms should email Jennifer Romero at jromero@njta.com with the following information in the subject line: "OPS Nos. T3907 and T3908 Kiteworks Access".

Inquiries

Inquiries pertaining to this RFEOI are to be directed in writing to King F. Lee, P.E. via e-mail to klee@njta.com. **The deadline for inquiries is October 14, 2022.** The Authority will respond to all written inquiries received. Each inquiry will be stated, and a written response provided. **Responses will be posted on the Authority's website under Doing Business, Current Solicitations on or before October 17, 2022.** Consultants will be responsible for submitting their EOIs in accordance with the RFEOI and any modifications, revisions and/or clarifications thereto as a result of the posted responses. Late inquiries may not be reviewed or considered.

Consultant Selection

A consultant selection will be made from the EOIs that are received on time and are deemed complete. EOIs that are incomplete may not be considered. A Review Committee will evaluate the technical qualifications and experience of each Firm and its project team and will rank the Firms. The evaluation and ranking of the EOIs will serve as a method by which to create a short list of Firms most highly qualified to perform the project, who will receive requests for Fee Proposals. OPS Nos. T3907 and T3908 will be awarded to two (2) of the top technically ranked Firms with assignment preference going to the highest technically ranked Firm.

The EOIs will be evaluated and ranked based on numerical scores resulting from pre-established weighted factors. For this project, the rating factors and their relative weights are:

RATING FACTORS	WEIGHT (%)	POINTS
Experience of the Firm on Similar Projects	15	45
Experience of the Project Manager on Similar Projects	15	45
Key Personnel's Qualifications and Relevant Experience	15	45
Understanding the Project and the Authority's Needs, and Reasonableness of Staffing Estimate	15	45
Approach to the Project	15	45
Commitment and Ability to Perform the Project and Outstanding Work with the Authority	10	30
Commitment to Quality Management	10	30
Attainment of DVOB and SBE Participation Goals	5	15
	100%	300

Following the review of the submitted EOIs, the Authority will request Fee Proposals from Firms it deems the most qualified and will commence negotiations with such technically qualified Firms in the order ranked. All respondents will be notified at the completion of the review process regarding their status.

All submittals required pursuant to N.J.S.A. 19:44A-20.25 (P.L. 2005, c.51), superseding Executive Order 134 (2004); N.J.S.A. 19:44-20.26 (P.L. 2005, c.271s.2); and Executive Order 117 (2008) will be requested from the intended Awardee(s) only. This will include the combined CH. 51/Executive Order 117 Two-Year Certification and Disclosure of Political Contributions form (CH 51.1 R1/21/2009), and the P.L. 2005 c. 271 Vendor Certification and Political Contribution Disclosure Form (Rev: 02/07/2006 DPP c271 C&D) completed by each business entity all of which will be transmitted to the intended Awardee(s) by the Authority and are to be returned to the Authority within five (5) business days from receipt.

Order for Professional Services
(OPS)

Final OPS Documents shall consist of the Authority's Order for Professional Services Agreement (which is available on the Authority's website, the RFEOI, the selected firm's EOI, as well as the selected firm's submitted Final Negotiated Fee Proposal. These documents are listed in the order of priority in the event of a conflict.

Consultants shall be required, at their own expense, to provide ALL insurance coverages as more fully set forth in the applicable OPS Agreement.

Attached please find additional information regarding EOI and project requirements. The Attachments, which are incorporated into and made part of this RFEOI, include: Attachment A and Attachment B.

Very truly yours,

ORIGINAL SIGNED BY

Michael Garofalo
Chief Engineer

MG:KFL:ms
Attachments

c: L.T. Malak
W. Wilson
Review Committee
File

ATTACHMENT A
Supplemental Information

Subsection No. and Title

- A1. EOI Submission Requirements
- A2. OPS Procurement and Project Schedule
- A3. Scope of Services
- A4. Staffing Estimate
- A5. Compensation Basis
- A6. Prequalified and Eligible Consultants
- A7. Group 2 Bridge List
- A8. Group 4 Bridge List

Subsection A1
EI Submission Requirements

To be considered for these services, qualified Firms, including Joint Ventures must submit their EOI which shall contain the following (unless otherwise noted):

1. **Letter of Interest** comprised of single-sided, letter-sized pages with minimum 1-inch borders and minimum font size of 10 pt., stating the Firm's interest, ability and its commitment to complete the requested professional services listed in this solicitation and in their EOI.

The Letter of Interest shall summarize the following information.

a. Experience of the Firm on Similar Projects

Provide information on the Firm and its subconsultants experience on similar projects.

The Firm shall provide information on past projects which it has performed that demonstrate similar service of those required for this assignment. Each project listed shall include a brief description of the project scope performed by the Firm and its relevance to the proposed assignment. It shall identify the Firm's office(s) the work was performed from, the date (time frame) the services were performed, magnitude and cost of the project, and contact/reference information for each project listed.

b. Experience of the Project Manager on Similar Projects

The Firm shall identify the Project Manager that will be assigned to the project and identify the individual's education, credentials, and work experience. The Firm should discuss the proposed Project Manager's experience and its application to the assignment. The Firm shall review the criteria set forth by the Authority in the RFEI in consideration of the person proposed for the assignment. If the Firm is proposing an individual with credentials considerably different than those identified by the Authority, the Firm must explain its rationale and identify/demonstrate the benefit the individual brings to the assignment.

The resume of the Project Manager proposed, included in the EOI, shall be clear, dated and detailed to the related assignment experience. References shall be furnished for each project listed (include date when work performed and relevance to subject assignment and at least one contact name and phone number for each project). Unless otherwise noted, the Project Manager shall be a licensed Professional Engineer.

c. Key Personnel's Qualifications and Relevant Experience

The Firm shall identify the Project Manager and/or other key personnel that will be assigned to the project and their role and responsibilities specific to the assignment. Information concerning their education, credentials and work experience should be provided along with contact/reference information. The Firm shall discuss the individuals proposed for the assignment and identify how their education, credentials and work experience are applicable to their role on the assignment.

The resumes of key personnel proposed, included in the EOI shall be clear, dated and detailed to the related assignment experience. References shall be furnished for each project listed (include at least one contact name and phone number for each project).

d. Understanding of the Project and the Authority's Needs, and Reasonableness of Staffing Estimate

Provide an explanation of the Firm's understanding of the project and Authority's needs required for the successful completion of the assignment. Provide a summary of the Firm's qualifications, and state how they relate to the Firm's ability to provide the requested services. Through attached organizational chart and resumes identify the person(s), or subconsultant(s), responsible for each division of the assignment and their relevant experience.

Understanding of the Project

The Firm shall provide information to demonstrate that they fully understand the overall objective of the project and why the Authority is undertaking the assignment. This may include discussions providing background information on the need for the project, its effect on the Authority's facilities, and impact on the overall transportation network. Firms should demonstrate specific first-hand knowledge of the location affected by the project and the long-term effects the project has on the Authority, its patrons, or other relevant issues.

Understanding of the Authority's Needs

The Firm shall demonstrate that they fully understand the needs of the Authority as it relates to the specific scope-of-work identified in the RFEI. The Firm must confirm the deliverables and the schedule for design and construction associated with project specific deliverables. The Firm should also discuss project management items, including deliverables such as submittal of wage rate approvals and invoicing.

Reasonableness of Staffing Estimate

The Firm shall demonstrate through an attached Staffing Estimate the workhours required for this assignment, including any work anticipated to be performed by subconsultants. The staffing schedule shall follow the guidelines set forth herein and sample in Subsection A4.

e. Approach to the Project

The Firm shall identify the major tasks comprising the project and describe in detail how they will be accomplished. Provide an explanation of the process the Firm will use to schedule, manage and perform the required tasks within the scope of services and identify the key milestones and projects critical path. The Firm shall identify key issues and potential problems and discuss alternatives and options which would lead to resolution. The Firm should discuss innovative concepts with cost benefits and/or accelerated project delivery, where applicable. The subconsultant roles, value to the team/project, and reporting relationship shall be clearly identified.

f. Commitment and Ability to Perform the Project and Outstanding Work with the Authority

The Firm shall affirm their commitment and ability to complete the proposed work as well as any outstanding work they currently have with the Authority. The Firm shall provide an explanation of the anticipated project schedule and demonstrate that the Firm can commit the required staff resources and management to perform the assignment. A listing of the Firm's facilities, including the address of the office where the project will be performed, and how they relate to the Firm's ability to provide the requested services shall be provided.

Commitment and Ability to Perform the Project

The Firm shall discuss their commitment and availability of required staff for the assignment as shown on the completed "Commitments of Proposed Project Staff" and "Certification of Staff Availability" forms.

Outstanding Work with the Authority

The Firm shall discuss their outstanding work with the Authority as shown on the completed Disclosure Forms for the prime and all subconsultants. Information should be provided to demonstrate how this project may be impacted or affected by the existing workload of the consultant or its subconsultants. Outstanding Work shall be considered the sum of the Outstanding Work of the prime and subconsultants. No factors/weighting will be applied based on the percent of work assigned to the prime or subconsultants.

g. Commitment to Quality Management

An affirmation of the Firm's Commitment to Quality Management and Quality Assurance/Quality Control (QA/QC). The Firm shall provide a written narrative that describes the Firm's quality assurance policy and how it intends to implement a quality assurance program specifically for this assignment. The Firm shall

identify credentialed QA/QC staff and the roles and working relationship with other staff members as part of the design process or construction phase.

h. Attainment of DVOB and SBE Participation Goals

The Authority has adopted a Disabled Veteran Owned Business (DVOB) Enterprise Program (the DVOB Program). Under the DVOB Program, Firms interested in being considered for this OPS agree to make a good faith effort to award at least three (3) percent of the assignment to those businesses that meet the requirements and have been registered by the Division of Revenue & Enterprise Services/Department of Treasury as a Disabled Veteran Owned Business Enterprise. Firms shall demonstrate how they will utilize DVOB Firms in order to achieve the 3% goal and add value to the project team.

The Authority has also adopted a Small Business Enterprise Subconsultant's Program (the SBE Program). Under the SBE Program, Firms interested in being considered for this OPS agree to make a good faith effort to award at least twenty-five (25) percent of the assignment to those businesses that meet the requirements and have been registered by the Division of Revenue & Enterprise Services/Department of the Treasury as a Small Business Enterprise.

Firms shall demonstrate how they will utilize SBE Firms in order to achieve the 25% goal and add value to the project team.

2. An **organizational chart** showing key project team members for all primary tasks, including subconsultants. Provide all team members' names, titles and reporting relationships. Only one organizational chart is required if the same team members are proposed for both OPS' and shall state so.
3. **Resumes for the Project Manager and each Key Personnel team members**, detailing relevant experience and professional/technical qualifications. Include resumes of proposed subconsultants. Each resume should be one page single-sided with dates provided for each project.
4. A completed **NJTA Bridge Inspection Qualification Summary form** detailing certifications of proposed staff. Provide one complete form for each OPS. A copy of this form is available via the Authority's Secure File Sharing Site.
5. A **detailed staffing estimate** per task and by ASCE Grade/ Classification, along with an estimate of total hours, to provide the work described herein.

The Authority has provided an estimate of the expected staffing for this OPS, which is identified in *Attachment A4 – Staffing Estimate*. This information shall be considered by the Consultant in the preparation of their project staffing schedule, which shall include when they intend to deploy each member of the proposed staff and the duration over which the Consultant intends to utilize staff based on the hours provided for in the Staffing Estimate. As a part of this task, the Consultant shall evaluate the hours furnished and shall comment with regard to the distribution by ASCE Grade / Classification, scheduled deployment of staff, and task for which they believe modifications in the Engineer's Estimate may be appropriate to meet the project needs. If no comments are received, the Authority will assume the Staffing Estimate per Attachment A4 is appropriate for the Consultant to complete the assignment.

6. A **Project Schedule** for this solicitation that addresses the various tasks defined by the scope of services for this assignment.
7. **Recent Authority Project Experience Forms** identifying all Authority projects on which the consultant is currently working or have been completed (closed out) within the previous five (5) year period. A separate form shall be provided for the prime consultant and for each subconsultant.
8. A completed **Affidavit of Eligibility/Disclosure of Material Litigation form** (which is available on the Authority's website) for review by the Authority's legal counsel. Forms for each Firm, each member of a joint venture and all subconsultants shall be submitted. Firm shall certify that it is not suspended, disbarred or

disqualified from bidding on any state or federal projects. Furthermore, no litigation shall be pending or brought against the Firm that could materially affect its ability to perform the OPS described herein. Firm shall submit a description of all litigation pending, threatened or brought against it, including any litigation against its owners and/or principals; and shall also submit a description of any enforcement actions or penalties pending or assessed by any regulatory agency having jurisdiction over permit compliance, worker health and safety, or labor laws, as these issues relate to performance of the OPS described herein.

In lieu of a notary public, the Authority will accept the following statement on the Affidavit of Eligibility/Disclosure of Material Litigation form above the signature line: **“I certify, under penalty of perjury under the laws of the State of New Jersey, that the foregoing is true and correct”**. Hardcopy signed and notarized forms will be required to be submitted at the request of the Authority.

9. A completed **Disclosure Form – Outstanding Work with the Authority** (which is available on the Authority's website) stating all outstanding work with the Authority for both New Jersey Turnpike and Garden State Parkway projects. Forms for each Firm, each member of a joint venture and all subconsultants shall be submitted. State “none” on the form if Firm, joint venture or subconsultant has no outstanding work with the Authority. It is specifically noted that the Authority's Disclosure Form shall be submitted with the EOI. Consultants may separate types of work by category (i.e.: Design Services, Construction Services, Environmental Services, etc.) however, the “Total” amounts stated at the bottom of the page shall be the combined total amounts of all outstanding work with the Authority as identified on the form.
10. A completed **Commitments of Proposed Project Staff** form stating the percentage of time each member has available to commit to this assignment, including subconsultant staff.
11. A completed **Certification of Staff Availability** form where the Firm shall certify that the staff proposed in the EOI shall be used in the performance of the project. When proposing the same staffing in multiple EOIs, disclose one of the following:
 - A. A statement that all projects utilizing same staff will be completed on time and how this will be done, or
 - B. A statement that the Firm voluntarily withdraws one of the EOIs from further consideration if the Authority is giving serious consideration to more than one EOI, or
 - C. Alternate staff resumes to be used by the Authority in evaluating EOIs if the Authority is giving serious consideration to more than one EOI.
12. A completed **SBE/DVOB Form – Proposed Schedule of Small Business Enterprise Participation and Disabled Veteran Owned Business Enterprises** stating the Firm's intention to use SBE and DVOB Certified Firms as subconsultants.
13. A completed ***Disclosure of Investment Activities in Iran** form.
14. A completed **Certification of Non-involvement in Prohibited Activities in Russia or Belarus** pursuant to N.J.S.A. 52:32-60.1 et seq. (P.L.2022, c.3).
15. A completed **Vendor Source Disclosure** form.
16. A completed **Ownership Disclosure Form**, pursuant to N.J.S.A. 52:25-24.2.
17. ***Business Registration Certificate**.

* Form is **required** from the successful firm (and all subconsultants) **prior to award** of the OPS.

The required forms referenced in Items 7 through 17 above can be found on the Authority's website: www.njta.com under *Doing Business, Engineering Professional Services, Supplemental Forms*.

The NJTA has promulgated a Code of Ethical Standards pursuant to the laws of the State of New Jersey, a copy of which is available on the State of New Jersey website <https://www.state.nj.us/ethics/docs/ethics/uniformcode.pdf>. By

submitting an EOI, Firm will be subject to the intent and purpose of said Code and to the requirements of the State Ethics Commission.

EOIs are limited to a total of ten (10), single-sided, letter size pages, comprised of the following: **Letter of Interest**, not exceed five (5) pages, **Resumes**, a maximum of five (5), each of which shall be one (1) page. Pages in excess of these requirements will not be considered. This information shall be presented in an organized fashion and shall be categorized in accordance with the preceding submission requirements.

A brief transmittal letter along with the following forms and/or documents (listed below in the order in which they appear in this RFEOI), are **excluded** from the above referenced page count:

- Organization Chart
- NTJA Bridge Inspection Qualification Summary Form
- Detailed Staffing Estimate
- Project Schedule (a maximum of 2 pages) – foldout sheets are not permitted
- Recent Authority Project Experience Form
- Affidavit of Eligibility/Disclosure of Material Litigation Form
- Disclosure Form - Outstanding Work with the Authority
- Commitments of Proposed Project Staff Form
- Certification of Staff Availability Form
- SBE/DVOB Form
- Disclosure of Investment Activities in Iran Form
- Certification of Non-involvement in Prohibited Activities in Russia or Belarus
- Vendor Source Disclosure Form
- Ownership Disclosure Form

The aforementioned page limitation shall be increased to a maximum of sixteen (16) pages, if the Consultant must exercise option 11C above. The additional six (6) single-sided letter-sized pages shall include information for alternate staffing as follows:

- 1) An alternate Organizational Chart as permitted above showing key personnel names, position, title and reporting relationships (Note: Organizational Chart is not included in the page count).
- 2) One (1) page, single-sided resume for up to five (5) alternative key project personnel stating relevant experience including dates of assignments and professional qualifications.
- 3) Allowance for one (1) page, if necessary, to explain the consultant's modified approach to the project if it would be handled differently as a result of utilizing the alternate personnel.

The Consultant shall not include alternate staffing in their EOI unless they are required to do so in accordance with Option 11C. When appropriately included in the EOI, the proposed alternative staffing information shall be contained in a separate attachment of the EOI. It shall only be considered by the Authority in the scoring of the EOI if required.

Anything in excess of the page limitations for each of the EOI criteria above will not be read or considered. If the EOI submitted is not in accordance with the specific provisions defined above, it shall be considered, non-responsive, incomplete and may be rejected.

Subsection A2
OPS Procurement and Project Schedule

Posted.....	October 5, 2022
Deadline for Inquiries	October 14, 2022
Posted Responses to Inquiries	October 17, 2022
Submittal of Expressions of Interest	October 26, 2022
Recommendation to Award OPS	December 2022
Notice to Proceed	January 2023
Project Completion	April 2024

Subsection A3
Scope of Services

I. GENERAL

1. The Consultant shall be responsible for the thorough understanding of the project requirements including the applicable codes and regulations governing the inspection. The Consultant shall become familiar with the New Jersey Turnpike Authority's (NJTA) procedures, presentation and coordinating requirements for the effective performance of the project.
2. It will be the Consultant's responsibility to bring to the attention of the Authority, in the Request for Expression of Interest, or during preparation of the Expression of Interest, any errors, omissions or non-compliance discovered in this "Scope of Services" section. By neglecting to do so, the Consultant will be responsible to make any resulting scope of services changes without additional compensation.

II. PROJECT COORDINATION

A. NJTA Coordination:

1. The Consultant shall coordinate its activities with NJTA personnel throughout the course of this OPS. Early on, the Consultant will establish a means of coordinating and reporting its activities with the designated project liaison to ensure an expeditious exchange of information. The NJTA shall be informed of all meetings with other agencies, government officials and/or groups so that NJTA personnel can attend if necessary.
2. All correspondence, invoices and transmittals for the project shall be referenced by the NJTA's Order for Professional Services Number.
3. The Consultant will be required to submit two (2) different monthly schedules/reports as follows:
 - Invoice Progress Report - The Consultant will be responsible to prepare and submit a separate monthly progress report and progress schedule indicating percent complete by task, corresponding to the Invoices. Invoices shall be submitted and received by the Authority's Engineering Department within 15 calendar days of the end of each billing period. Standard reporting forms in MS Excel will be provided by the Authority at the project's kick-off meeting.

- Submission Schedule – The Consultant shall submit a sign structure inspection and report submission schedule which includes but may not be limited to the following fields: Inspection Date, Firm / Team Leader, Draft Report Submission, Final Report Submission, and Comments. The Bridge Inspection Program Technical Manager will provide a template in Excel at the kick-off meeting. The initial schedule shall be submitted within 30 days of receipt of the template. Monthly updates are required to be submitted by the 7th of each month.
4. The Consultant shall notify the Authority's Liaison Engineer immediately, if and when the percent fee expended exceeds the project percent complete. The Consultant shall implement at once the necessary adjustments and/or make recommendations on how to alleviate this condition. Failure to do so will put the Consultant at risk of having to absorb any costs above and beyond the authorized fee.
 5. Invoices are required to be submitted on a monthly basis.
 6. The Consultant shall submit the names of the personnel in the inspection teams, along with their resumes and NHI training certificates, for approval by the Authority. The Consultant shall complete the QAF3 forms. The Authority's Liaison Engineer shall have the right to approve the number, qualifications and performance of the Consultant's personnel and to have the Consultant remove any such personnel from the project who are not approved or licensed/certified as required, or who fail to perform satisfactorily. The Consultant shall not remove approved personnel assigned to the project without the written approval from the Authority. Certificates shall be in PDF format with the following naming convention: "Firm Last First # year" ("ABC Smith Jane 130092 2012.pdf"). For acceptable Non-NHI courses such as the PennDOT thirteen (13) day bridge inspection course, use "Firm Last First #Equiv year" ("Bridge Associates Johnson Edward 130055Equiv 1999.pdf"). All files shall be submitted in one general folder or directory, not broken up into folders/subfolders. Certificates and completed QAF forms shall be submitted at the kick-off meeting.

B. Quality Management and Coordination with Bridge Inspection Program Technical Manager Consultant:

Immediately following Notice to Proceed, the Consultant shall submit a Project-Specific Quality Control/Quality Assurance (QA/QC) Plan for Authority's approval which clearly explains how its firm-wide Quality Management Program translates into the quality process for this assignment. The QA/QC Plan shall identify credentialed QA/QC personnel and their roles, and explicitly outline measures to be followed throughout the duration of the assignment, including the management of subconsultants and their work. The submittal shall include the forms used by the Consultant to document the QA/QC process for review and approval by the Authority. If the forms are not found acceptable or the Consultant does not have forms available, then use of the Authority's QAF-5 form detailed in the current New Jersey Turnpike Authority Structure Inspection Quality Management Plan shall be used. The completed forms should be retained by the Consultant and available for review upon the Authority's request. The Consultant is entirely responsible for the quality of submittals in this inspection assignment, and will be monitored by the Authority on a continued basis for adherence to the approved QA/QC Plan. Should it be determined that incomplete or erroneous reports are being submitted, then the Consultant will be required to convene a meeting with the Authority to review the deficiencies and propose an action plan to bring the reports to established standards.

It is noted that general overview of the 2023 NJTA Bridge Inspection Program for TPK – Group 2 Bridges and TPK – Group 4 Bridges will be performed by the Authority's Bridge Inspection Program Technical Manager Consultant (Technical Manager) to ensure accuracy, consistency and completeness in inspection data collection and entry, SI&A and FHWA Element Level bridge inspection coding interpretation, inspection report format and content. The Technical Manager will be responsible for unscheduled field audits for compliance of inspection personnel and procedures, review of select draft inspection reports and limited audits of Bentley AssetWise Inspections (AWI) data entry, SI&A updates and FHWA Element Level bridge

inspection coding. A kick-off meeting will be scheduled with the Consultant, the Authority's Liaison Engineer and the Technical Manager to discuss inspection procedures, personnel, report format, inspection forms, schedule and submittals.

The Authority's Liaison Engineer and the Technical Manager will arrange coordination meetings with all 2023 NJTA Bridge Inspection Consultants to establish consistent inspection procedures, coding guidelines, and report format. The Consultant shall include two (2) half day coordination meetings at the Authority's Administration Building in the estimate of work hours in the EOI and Fee Proposal.

C. Other Agency/Entity Coordination

The Consultant will be required to contact and/or meet with representatives of state and/or other agencies/entities (e.g., New Jersey Department of Transportation, Conrail, Norfolk Southern, CSX, NJ Transit, Amtrak, etc.), to review and determine all necessary project requirements and permits. It is noted that other agencies/entities may have security requirements such as obtaining of TWIC (Transportation Worker Identification Credentials) cards or supervision of inspection work by a security firm. The Consultant shall notify the Authority immediately if it is revealed during initial contact that the railroad ownership has changed. The Authority's Liaison Engineer will establish correct channel of communication with the new railroad company for the Consultant in this case. Various regional agencies will be affected by this project and should be kept informed as to the status of this project. US Coast Guard shall be notified at least 30 days prior to the inspection of any bridge over a navigable waterway.

III. REGULATIONS AND GUIDELINES TO BE FOLLOWED, BUT NOT LIMITED TO:

A. **New Jersey Turnpike Authority (NJTA)**

NJTA Standard Specifications 2016
Design Manual
Standard Drawings
Structural Repair Programs
Category A Repair Procedures
Authority Deficiency Category Definitions
Bridge Inspection Security Measures
AssetWise Inspections Online Help System
Manual for Traffic Control in Work Zones
NJTA Parapet Stenciling Procedures (current version)
LRFR Load Rating Manual (current version)
NJTA Structure Inspection Quality Management Plan, current version

B. Structure Nomenclature/Inspection Methodology

Federal Highway Administration (FHWA)

Culvert Inspection Manual, 1986, FHWA-IP-86-2
Bridge Inspectors Reference Manual, December 2006
Guidelines for the Installation, Inspection, Maintenance and Repair of Structural Supports for Highway Signs, Luminaries and Traffic Signals, March 2005
Inspection of Fracture Critical Bridge Members, 1986, FHWA-IP-86-26
National Bridge Inspection Standards, 23 CFR Part 650, January 2005

American Association of State Highway/Transportation Officials (AASHTO)

Manual for Bridge Evaluation, 3rd Edition with 2020 Interims
Manual for Bridge Element Inspection, 2nd Edition, 2019

Roadside Design Guide, 1996

Occupational Safety and Health Administration (OSHA)

Commercial Diving Operations Standards, 29CFR Part 1910 Subpart T

New Jersey Department of Transportation (NJDOT)

Bridge Element Inspection Manual, Revision 1, February 2015.

Underwater Inspection and Evaluation of NJ Bridges Guidelines Manual, June 1994 Edition with August 2008 Revisions.

C. Concrete Deficiencies

American Concrete Institute (ACI)

Guide for Conducting a Visual Inspection of Concrete in Service, 2008, ACI 201.1R-08

D. Steelwork/Paint Deficiencies

Steel Structures Painting Council (SSPC)

E. Structure Inventory and Appraisal

Federal Highway Administration (FHWA)

Recording and Coding Guide for Structure Inventory and Appraisal of the Nation's Bridges, December 1995, FHWA-PD-96-001, and Errata Sheet, March 2004

New Jersey Department of Transportation (NJDOT)

Recording and Coding Guide for Structure Inventory and Appraisal of New Jersey Bridges, 2003 Edition with May 2008 Interim Revisions

IV. GENERAL REQUIREMENTS AND CONDITIONS

- A. The Consultant shall defend, indemnify, and hold harmless the Authority, its Commissioners, Directors, officers, employees and agents from liability of any nature or kind arising out of any act or omission of the Consultant or any person, Firm or corporation employed by the Consultant in connection with the work.
- B. The Consultant shall not assign this OPS, sublet, or transfer any part of the work or obligations hereunder, without the prior written approval of the Authority.
- C. The Consultant shall comply with all Federal and State laws applicable for the work to be performed under this OPS.
- D. The Consultant shall obtain a traffic permit prior to performing any work on the Authority's Right of Way.
- E. The Consultant shall provide traffic control in accordance with the current edition of the New Jersey Turnpike Authority Manual for Traffic Control in Work Zones, for bridge inspection work along the New Jersey Turnpike and Garden State Parkway. The Consultant shall also provide traffic control on local and state roads in accordance with the governing agency's requirements. **The Consultant shall not rely exclusively on State Police-assisted slowdowns, and instead shall assume that availability for slowdowns will be limited. Under the Approach to the Project Section of the Expression of Interest, the Consultant shall include an estimate for the duration and quantity of shoulder and lane closings for the OPS'.** No shoulder or lane closings on the New Jersey Turnpike or Garden State Parkway will be approved until the Consultant, its subconsultants, and its subcontractors view the Authority's Traffic Safety Training video on lane closing procedures. Reimbursement for furnishing traffic control devices and shoulder/lane closings will be made as a direct expense.

Traffic Control Coordinator (TCC) shall be required where lane and half ramp closings are to be installed by the Consultant, subconsultant or subcontractor as part of design or bridge inspection. A TCC will not be required for shoulder closings installed by the consultant or vendor. Refer to Specifications Subparagraph 801.03(A)(6) for TCC requirements and certification which shall apply to design and bridge inspection tasks involving lane and half ramp closings.

- F. For bridge inspection work over active railroad lines (NJ Transit, Amtrak, Conrail, CSX, Norfolk Southern, Shared Assets, etc.) the Consultant shall have their Team Leaders and Inspectors complete safety training as required by the respective outside agency. The Consultant shall obtain railroad permits, and flagging services necessary to access and perform inspections. For purposes of estimating the costs for permits, flagging, and inspection services, the Consultant shall assume a value of \$20,000 for Group 2 and \$20,000 for Group 4, unless upon review of all requirements it is expected to exceed these values. The estimated expense shall be listed separately in the Fee Proposal.
- G. Lane closings and daily shoulder closings necessary for the inspection work shall be provided and maintained by the Consultant, and shall conform to applicable Standard Drawings. Lane and shoulder closings may not be possible at all times due to conflicts with ongoing higher priority construction or maintenance work in certain areas. The Consultant shall utilize all available Maintenance and Contractor installed closings, where possible. This will require close coordination and contact with the Authority's Operations Department. Lane and shoulder closing requests, as well as slowdown requests, shall be submitted via the web-based application to the Authority (instructions will be provided to the consultants at the kick-off meeting) one week in advance of the desired closings (by Monday, 12:00 PM), and shall conform to the Authority's Lane and Shoulder Closure Tables in the Manual for Traffic Control in Work Zones.
- H. Short duration shoulder closings necessary for the inspection work shall be provided and maintained by the Consultant. **Short duration shoulder closings shall be installed for a maximum duration of 60 minutes within a two-hour window, and are restricted to cursory top of deck surveys and underdeck and pier top inspections requiring a TMA.** Short duration shoulder closings shall conform to Standard Drawing No. TP-7.
- I. All inspection work shall be performed behind guide rail or other existing roadside barriers, where feasible. Where work must be conducted in a closed lane or shoulder, a truck mounted attenuator (TMA) shall be provided and placed preceding the work area in accordance with the current AASHTO Roadside Design Guide. For moving inspection operations which do not require the setup of equipment (ladders, snoopers, etc.), TMAs will also be required. **The truck mounted attenuator shall be approved for Manual for Assessing Safety Hardware, Test Level 3 (MASH TL-3).** The truck shall be in excellent operating condition and have a minimum gross weight as required by its MASH TL-3 certification. The truck shall also be equipped with two large conspicuous overhead flashing lights. If supplied with an arrow board, only the "CAUTION" bar shall be illuminated. The top of the arrow board must be 13 feet 6 inches from the ground for either standalone arrow boards or TMA attached arrow boards. TMAs shall be provided by the Consultant. A separate line item shall be provided in the Fee Proposal for the cost associated with furnishing the TMAs for the project and for fueling of the TMAs. For moving inspection operations, the TMA must be fitted with a "Shoulder Closed" sign that will not be obstructed or obstruct any oscillating lights or the arrow board panel. The Consultant will be required to provide a letter from the proposed rental company, which states that the TMAs supplied meet or exceed MASH TL-3 compliance to be qualified for reimbursement. In addition, the Consultant will be required to take photos of the TMA, specifically for review of the placement of the TMA mounted "Shoulder Closed" sign.
- J. The Consultant shall furnish specialized equipment as needed to perform sign structure inspections. Reimbursement for special inspection equipment will be made as a direct expense.
- K. Reimbursement for any additional cost incurred by the Consultant due to circumstances beyond the control of the Consultant, such as down time for bad weather, shall be approved by the Authority's Liaison Engineer.

The Authority's Liaison Engineer will have sole discretion in determining if circumstances, and therefore compensation for additional work and expenses, are beyond the control of the Consultant.

- L. The Consultant shall retain legal responsibility for all inspection work, which shall in general follow the latest standards including all the applicable codes and regulations governing the inspection and practices of the Authority.

M. **Miscellaneous Work**

The Consultant shall provide in the EOI and Fee Proposal a additional 700 hours and \$20,000 in direct expenses for each OPS for emergency inspection, load rating, and repair design services as directed by the Authority (Miscellaneous Work). 200 hours of the 700 hours shall be set aside specifically for load rating updates (not new load ratings) based on as-inspected conditions, primarily due to section loss. Section loss tables shall be created for bridges that exhibit substantial section loss as specified in the Authority's Section Loss Workbook (current version). As the biennial inspections are completed, the Consultant shall utilize the section loss table to assess the as-inspected conditions (if any) and submit a list of recommended bridges to be updated for Authority review and approval. The updates shall be made using existing load rating files, by key personnel meeting the requirements of the NJTA LRFR Load Rating Manual.

For routine bridges, initial LRFR load ratings or LRFR load rating updates shall utilize the most current version of AASHTOWare's Bridge Rating (BrR) software which has been approved for use in Appendix A1 of the Authority's current Load Rating Manual. For complex bridges that cannot be modeled in BrR, LRFR load ratings shall utilize other appropriate software specified in the NJTA LRFR Load Rating Manual. The load ratings shall also include Emergency Vehicles EV2 and EV3, as needed and in accordance with the NJTA LRFR Load Rating Manual.

Proposers are advised that since 2015, the costs associated with obtaining BrR and any other LRFR load rating software licenses will no longer be reimbursed by the Authority as a direct expense. Proposers are further advised that the Authority currently licenses the BrR Unlimited Option as a Member Agency, which allows consultants to obtain single copies of BrR at the current Special Consultant / Agency Option license fee of \$5,900 per workstation for use performing load ratings of the Authority's bridges.

The Authority's Liaison Engineer may require additional information with regard to a reported deficiency by the Consultant, the Authority's Maintenance Department and/or another party. The required information may consist of a survey or sketch with photographs and recommendations for corrective action. Depending on the deficiency, the Consultant may be required to provide design services. The design services may consist of preparing calculations, providing details and specifications, and developing cost estimates.

Explicit written authorization must be received from the Authority's Liaison Engineer in order to charge time to each task, prior to commencement of the work. The Consultant will be requested to provide an estimate of hours and cost, in writing, related to each special assignment under consideration for prior approval.

- N. All team leaders shall notify the Authority and Technical Manager of their location via email on a daily basis. Email template shall be provided to each consultant and Subconsultant at the kick-off meeting.

V. SPECIFIC PROJECT SERVICES

Bridge Inspection Scope

- A. The services to be furnished by the Consultant shall include, but not necessarily be limited to, the following items of work:

The New Jersey Turnpike Bridge Inspection Program consists of the inspection of 595 routine bridges and 24 major bridges along the entire length of the roadway. The 595 routine bridges are divided into four (4) Groups, two in the southern region (Groups 1 and 2) and two in the northern region (Groups 3 and 4).

Bridges in Groups 1 and 3 will be inspected in every even year. Bridges in Groups 2 and 4 will be inspected in every odd year. Groups 1, 2, 3 and 4 contain 174, 194, 55 and 172 bridges, respectively. **Only Groups 2 and 4 are scheduled for inspection in OPS Nos. T3907 and T3908.** However, the Consultant may be required to perform cursory inspections of bridges in Turnpike Groups 1 and 3 bridges with open Category A reports. The estimated hours for these cursory inspections shall be included in the Miscellaneous Work hours.

1. For each bridge listed in Subsections A7 and A8, the Consultant shall perform a routine biennial inspection on or prior to the previous inspection date. NBIS allows for inspections up to two months prior to the previous inspection date, NJTA approval is required for inspections more than 7 days prior to the anniversary date.
2. Consultants who have been awarded the similar group of routine bridges for the last cycle inspection shall include a list of proposed team leaders assigned to each of the bridges. This will promote having a different set of eyes to look at the same bridges for two cycles in a row.
3. Fracture Critical Members (FCM) inspections are required for 30 bridges in Group 2 and 26 bridges in Group 4. The inspection of FCMs shall be in accordance with below and shall be performed at the time of the routine biennial inspections. The FCM inspections are in addition to the requirements of the routine biennial inspections (not in place of).

FCM inspections include but are not limited to bridges with box girders, plate girders, two or three-girder girder systems, or other non-redundant structural members. The FCM inspection requires full hands-on inspection of all surfaces and weldments of the box girders (interior and exterior) and plate girders in the tension zones, including their major bearings and critical uplift anchor bolt assemblies. Also included are bearing, joint, and structural steel conditions for span ends supported by the box girders or framed integral therewith. For welded construction, tension and stress reversal zones shall be examined for presence of tack welds; welded erection aids; groove weld backup bars; plug welded holes; and other weld details. Special attention shall be paid to any AASHTO Fatigue Category D, E, or E' weld details. Pin and hanger or hinge pin conditions, clearances, and positions shall also be documented. Paint shall be removed from areas if applicable (inside and outside the box) of suspected cracks to perform non-destructive testing if deemed necessary. The areas where paint has been removed and cleaned shall be spray coated by the inspector with a rust inhibitor. The locations and number of such details shall be identified, delineated and documented by the Consultant. Prior to any non-destructive testing, a recommended list of locations shall be submitted to the Authority's Liaison Engineer for approval. The estimated expense for non-destructive testing shall be listed separately in the Fee Proposal.

The team leader for FCM inspection shall have taken the NHI FCM inspection course (FHWA-NHI-130078) within the last 5 years.

Confined Space Entry Requirements:

- a. The Team Leader and Inspector shall attend a training course for confined space inspections, and submit evidence of training certification to the Authority. Firms such as Leading Edge Safety and Health, LLC, (732) 223-7800, offer training course on safety of confined space entry.
 - b. During the FCM inspection of the interior of the box girder, interior air shall be monitored from the outside by a person certified for first aid from a firm certified for the interior air monitoring.
 - c. A second inspector shall be at the entry opening with a two-way radio to stay in contact with the entrants inside the confined space.
4. The Consultant shall review and adhere to the Authority's Category A Repair Procedures, for the reporting of potential Category A deficiencies.

5. For bridges over waterways, the Consultant shall probe and check for possible scour and footing undermining conditions along the face of each abutment and pier. The Consultant shall also take soundings at ten (10) foot intervals along both fascias and along the longitudinal centerline of the bridge. Provide a streambed cross-section showing the streambed below both fascias and the longitudinal centerline of the bridge for structures carrying more than 4 lanes/shoulders. Water level, at the time of inspection, shall be shown on the cross-section relative to a reusable known reference elevation. Baseline streambed profiles shall be shown on the drawings to assess long term movement. If tidal flow is present, both mean high and low water level shall be shown. The consultant shall provide Sounding sketches using the template provided by NJTA; the sounding sketches are to be an update of the soundings from the last underwater inspection report. For bridges that require underwater inspections, a Diver may be used to perform the off-cycle soundings/fathometric surveys.
6. There are no underwater inspections required in Group 2 and Group 4. If an underwater inspection is required due to changes in the waterway or streambed, the Consultant shall perform an underwater inspection of those portions of the abutments and piers that are below mean low water during this cycle of inspection and the inspection shall be a hands-on inspection performed by a qualified dive team. A Professional Engineer, licensed in the State of New Jersey, shall be present when the underwater inspection is performed. A diving report containing observations of noted conditions shall be submitted. The inspection shall be a Type 2 classification in accordance with NJDOT's Underwater Inspection Evaluation of New Jersey Bridges Guideline Manual, June 1994, and all associated revisions. The underwater inspections are in addition to the requirements of the routine biennial inspections (not in place of) and shall be performed at the time of the initial routine bridge inspection. Bridges that have a depth of water not less than 4 feet at the substructure units shall have underwater inspections performed. The depth of water in the channel near the substructure units must be verified by the Team Leader prior to the underwater inspection, to verify that an underwater inspection is indeed required. If tidal flow is present, the depth of water in the channel at the wall units at low tide must be verified by the Team Leader prior to the underwater inspection, to verify that an underwater inspection is indeed required and make every effort to perform the inspection during low tide.

The minimum size of a dive team shall be three (3) as follows:

I. Commercial Scuba Air Diving

- a. Designate Person-in-Charge (DPIC)
- b. Standby Diver
- c. Diver (line tended)

II. Commercial Surface – Supplied Air Diving

- a. DPIC
- b. Diver
- c. Tender

The requirements for diver and dive team training are as follows:

The diver shall have successfully completed NHI Course No. 130091 – Underwater Bridge Inspection within the last 5 years. The diver/diver team's NHI certificate shall be submitted with the EOI. The diver shall be commercially trained at an Association of Commercial Diving Educators (ACDE) accredited school complying with the requirements of ANSI/ACDE-01-1993, "Commercial Diver Training – Minimum Standard". A military diving school meeting the same standards is also acceptable training.

In lieu of meeting the requirements of above, a diver may be trained through either field experience or a combination of formal diving training and field experience. The OSHA diving standard (29-CFR

1910.410) specifies that all dive team members (i.e., divers and support employees involved in diving operations including the DPIC) must have experience or training in the use of tools, equipment, systems, techniques, diving operations and emergency procedures which pertain to their assigned tasks and diving modes (i.e., scuba diving on air, surface supplied diving on air or mixed gas diving). Additionally, dive team members who are exposed to hyperbaric conditions (e.g., diver) or control the exposure of others to hyperbaric conditions (e.g., DPIC or decompression chamber operator) must be trained in diving related physics or physiology. The level of training required by the standard depends upon the particular experience or function an employee fulfills on a dive team, the specific underwater operational tasks being performed and the diving mode to which the employee is assigned.

Records of all diver or dive team training shall be maintained by the diving company and shall be available for inspection.

All dive team members shall be trained in cardiopulmonary resuscitation and standard first aid (American Red Cross Standard).

7. For Bridge Nos. 117.20NO and 117.20SO, section loss / remaining thickness of material (RTM) measurements shall be taken along the full length of all the exposed H-piles from the underside of the cap to the water line or ground line at locations on each flange and web, at the edge of the remaining flange, and at the interior of the flange adjacent to the web to better documented the losses at the exposed H-piles.
 8. Load rating updates are required for 12 bridges in Group 2 (Bridge Nos. 68.01, 68.75, 70.74, 71.37, 73.68A, 73.79A, 78.46, 79.04, 83.53, 91.36A, 93.14ASR, and 95.95A). The load rating updates for these 12 bridges are not part of the Miscellaneous Work. LRFR load rating updates shall utilize the most current version of AASHTOWare's Bridge Rating (BrR) software which has been approved for use in Appendix A1 of the Authority's current Load Rating Manual. For complex bridges that cannot be modeled in BrR, LRFR load ratings shall utilize other appropriate software specified in the NJTA LRFR Load Rating Manual. The load ratings shall also include Emergency Vehicles EV2 and EV3 and in accordance with the NJTA LRFR Load Rating Manual.
 9. For each bridge listed in the Courtesy Bridges Tables in Subsections A7 and A8, the Consultant shall perform a cursory inspection of possible Category 'A' conditions, and notify the Authority's Liaison Engineer of such. The Consultant shall also verify existing LIDAR clearance files or take underclearance measurements where LIDAR is not available or incorrect for these bridges and update the underclearance data on the plan sketches and elevation photos as described in Part C – Inspection Scope.
 10. Stenciling of the bridge barrier parapets was performed in 2021 for the first time due to the bridge length and number of spans. If the stenciling requires any update, it shall be performed at the time of the routine biennial inspections in accordance with the NJTA Parapet Stenciling Procedures (current version).
- B. Development of an Individual Inspection Report using Bentley Software "AssetWise Inspections" (AWI).

The Consultant shall provide a list of users that will require access to AWI software to the Authority at the kick-off meeting. This includes all users that require email notifications regarding procedures and clarifications. All users are required to submit all questions and issues related to AWI via email to NJTABridgesHelp@njta.com. All latest directives and clarifications are available via <https://www.njta.com/doing-business/njta-bridge-inspect-program> under Bridge Inspection Program Notifications.

The Consultant will be responsible for becoming proficient with AWI, including updates. The NJTA will provide training and assistance to all bridge inspection consultants. The Consultant shall include the costs

associated with a full day training session for key staff and any other effort associated with using AWI in their Fee Proposal.

C. Inspection Scope

The inspections require full observation of each structure from the ground, supplemented where necessary by boat work or snooper platform for long, over water or high structures not adequately observed from available vantage points. In addition, a visual closeup inspection of pier top areas via ladder, bucket truck, snooper, or boat access is required. This shall entail the inspection of all bearings (including cantilevered piggyback arrangements), underdeck joint assemblies, pier top and abutment bridge seat areas and bearing pads.

With the exception of first cycle inspections, the consultant shall use the latest bearing matrix coded with defects (uploaded to the 2021 report as “File” file type) during the current inspection. This file will be used to collect current defects and then uploaded as a working file for use in future inspections.

Consultants shall conduct nocturnal inspections of bridges spanning navigable waterways with span or fender mounted navigation lighting. This will be required as part of the NBIS inspections for Bridge Nos. 96.23NO, 96.23NI, 96.23SI, and 96.23SO in Group 2 and W112.67 and W112.72B in Group 4 as well as the off-cycle inspections at Bridge No. 40.96. When part of the NBIS biennial inspection, a sketch (plan) of the location of the lighting and its condition (functional/non-functional) shall be included in the report. For off-cycle inspections, the sketch shall be uploaded to AWI. Category A2 reports shall be created/updated as necessary for both current cycle and off-cycle inspections.

Estimates are made of visible surface spalls and underdeck checkerboard cracking areas (in square feet) and their above/below deck relationship for the purpose of monitoring deck conditions based on visible inspection only. Other deficiencies are noted with approximate measurements for the sole purpose of establishing degree of magnitude/importance. Bearings are observed at documented air and steel temperatures for position and function. Individual bearing measurements are not taken as part of this inspection; rather only those measurements deemed appropriate at abnormal or deficient bearings.

For any first cycle bridge inspection, the Consultant needs to provide measurements and photos for roadway clearances. Photos should be framed by both substructure units for each roadway crossing. Annotate photos (using photo software or MS Word) to include roadway names, structure milepost and name, date photo taken, and minimum vertical clearances at each shoulder line citing near or far fascia (NF/FF). The consultant shall provide clearance sketches using the template provided by NJTA and should clearly denote SIA Items DJ, 10, 47, 53, 54B, 55B and 56 as well as any vertical underclearance postings present.

For second cycle inspections and later, elevation photos are already available through AWI. The Consultant shall update the clearances as follows:

Structures over the Mainline and Ramps – Underclearance measurements obtained by Lidar shall be provided by the Technical Manager if available. The Consultant shall verify and update the clearance photographs and the SI&A data as necessary. The Consultant shall notify the Technical Manager if Lidar data is missing or incorrect.

TPK Mainline over Roads, Railroads, etc. – The Consultant shall field verify the elevations and update the clearance photographs, SI&A data, and clearance sketches as necessary using the working files saved under “Clearance” file type. Drawings shall clearly denote SIA Items DJ, 10, 47, 53, 54B, 55B and 56 as well as any vertical underclearance postings present.

Starting in 2022 a new form has been added to the NJTA Bridge and NJTA Major Bridge report types to collect select clearances (NBI 10, 53 and 54 and state code DJ) as applicable for roadways/railroads. The new Clearance Summary form will be used to collect information for all roadway and railroad crossings.

All bridge appurtenances are included as part of the inspection, including but not limited to: bridge/fascia mounted sign structures or noise barriers, right-of-way fencing, substructure protection, guide rail/barriers, utilities and supports attached to the structure, approaches and approach protection features within 50 feet of the bridge abutments.

Category A Deficiencies - The Consultant shall notify the Authority's Liaison Engineer and the Technical Manager whenever a new Category A deficiency is detected, via an email with photos. Upon confirmation of the new Category A deficiency, the Consultant shall create and submit the Category A notification through AWI. This includes new Category A deficiencies which are removed during the inspection. For previously reported Category A deficiencies to be monitored under this assignment, if the condition has worsened or if new defects of similar type have been found, the Consultant shall create a new Category A Report. However, if the condition has not worsened and no additional defects of that type have been found, the Consultant shall update the existing report description with the date of their inspection, firm name, and a note stating, "the condition remains unchanged." The Consultant shall attach supporting photos/sketches to the report. The procedure to issue or update Category A report is available on the Authority's website at <https://www.njta.com/AWI/bridge-inspection-program-notifications> under No. 2019-2.0 Category A Procedure Changes.

Courtesy Structures - Certain structures owned by other agencies that intersect the New Jersey Turnpike and Garden State Parkway are included in the biennial inspections, for the safety and convenience of the Authority and its patrons. For those structures spanning the Turnpike and Parkway roadways which are owned by other agencies, a courtesy inspection limited in scope to underdeck, fascia, substructure, protective guide rail, and utility items is undertaken to locate potential Category A deficiencies. Follow the Category A Deficiencies procedures stated in the above paragraph for reporting and filing of the condition. A visual close-up inspection of pier top areas via ladder, special equipment or boat access is not required for these courtesy structures. Element Level Inspection data and SI&A condition updates will not be necessary; however, the Consultant will be required to update SI&A Item 90 (Inspection Date), and verify Items AE (Alternate Agency) and AF (Alternate Structure Number) for each courtesy structure in this assignment (see Part E).

D. Bridge Inspection Reports

1. Report Format

The Consultant shall submit a draft report for each bridge to the Technical Manager. An initial group of five (5) format reports will be pre-selected for review based on the Consultant's submitted inspection schedule and shall cover all different types of bridges in each Group. In addition to the format reports, 25% of the draft reports from each Group (46 bridges for Group 2 and 38 bridges for Group 4) will be reviewed by the Technical Manager. The comments from the reviewed draft reports shall be incorporated to all reports as applicable, including the remaining 75% not reviewed.

Starting in 2017, the Authority began using a new bridge inspection report format, the format for the report has been subsequently updated each year. A sample report and sample input forms have been posted to the Authority's Secure File sharing site along with other project reference

and materials. The majority of the document pages shall be generated in AWI through the standard forms and report sections. Other pages (Load Rating Summary Sheet, Section Loss Documentation, Clearance, Soundings, FCM Location Plan, Underwater Inspection Report) shall be generated outside the program or pulled from previous cycles and inserted as additional sections.

Category A reports for Type A1, A2, A3, Inadequate Clearance, Guide Rail, and Utility shall be included.

a) Report Sections

The report shall have the following sections. All are generated in IT unless otherwise noted*:

- Cover
- Table of Contents
- Contract History
- Load Rating Summary Sheets*
- Section Loss Workbook (SLW) Tables*
- General Information/Inspection Information
- Conclusions
- Approach/Roadway (Sheets 1 through 4)
- Deck 1 (General 1)
- Deck 1 (General 2)
- Deck 2 (Joints)
- Deck 3 (Top of Deck)
- Deck 4 (Underdeck)
- Superstructure 1 (General 1)
- Superstructure 1 (General 2)
- FCM Member Summary*
- Superstructure 2 (Superstructure)
- Section Loss Sheet*
- Bearing Matrix (Inventory Information Only)
- Superstructure 3 (Bearings)
- Substructure 1 (General)
- Substructure 2 (Abutment and Piers)
- Underwater Inspection Report/Sounding Survey
- Waterway/Channel
- Fender/Navigation Lighting
- Navigation Lighting Status Sketch*
- Bridge Security Features
- Photographs
- **Summary of Clearance Form**
- Underclearance Sketches*
- Bridge Element Inspection Forms
- Structure Inventory and Appraisal Forms
- Category A Reports

Field notes are organized into checkbox groupings taken from the former bullet forms. For each grouping, there are up to six different defects. Each defect is classifiable as N/A, Category A, or B/C (Contract). Fields include notes, contract repair quantities and photo references for recommended repairs. Repeatable information such as spans and joints are collected in repeater groups which are limited to 200 rows.

b) Report Section Descriptions

A description of the information per report section is listed below:

Contract History – Type, Contract Number, Description of Work, Year. The Consultants will need to review card files, and existing available contract information to collect data for all contract work competed from construction to the most recent repair contract. This information will be entered into the Inventory Information form in AWI. Information will be obtained by the consultant through review of the contract information included in the prior individual reports through 2007 and review of As-Built plans after 2007. Hours should be included in the fee proposal for this task.

Load Rating Summary Sheets – For any new structures or structures with rating updates based on changes to the structure or condition, the AWI form shall be used to generate this report section and shall include Emergency Vehicle Ratings. There is also an AWI form available for LFR ratings. For all other structures the existing/current PDF shall be included. Refer to the Load Rating Manual.

Section Loss Workbook Tables - This file shall be utilized to document primary structural steel member section loss and determine if associated LRFR load rating updates are required and will generate this report section. Refer to the New Jersey Turnpike Authority Section Loss Workbook (current version).

General Information/Inspection Information – Bridge Date (NBI and other fields), Superstructure, Substructure and Inspection Information including Team Leader, Assistant Team Leader, Inspector(s), equipment, MPT, temperature.

Conclusions – Overall Condition, Upgrade/Downgrade, Load Rating, Scheduled/Ongoing/Completed Work, FCM (type and condition), Type 2 Underwater Inspection Statements. Description of Deck, Approaches, Superstructure, Substructure, Waterway, Safety Features, Other and Category E to supplement NBI ratings.

Approach/Roadway 1 – Roadway, Guide Rail, Embankment.

Approach/Roadway 2 – Sidewalk/Safetywalk/Curb, Barrier, Other, Noise Barriers.

Approach/Roadway 3 – Median, Parapet Protective Fencing, Drainage Inlets, Lighting Standards and Junction Boxes.

Approach/Roadway 4 – Safety Features.

Deck 1 (General 1) – Median, Sidewalk/Safetywalk/Curb, Bridge Rail, Parapet Protective Fencing, Drainage Inlets.

Deck 1 (General 2) – Noise Barriers, Lighting Standards and Junction boxes.

Deck 2 (Joints) – Repeater Group for Deck Joints per substructure unit.

Deck 3 (Top of Deck) – Rideability, Overlay Type, Overlay Appraisal, Repeater Group for Top of Deck Defects per Span.

Deck 4 (Underdeck) – Deck Type, Percent SIP, Repeater Group for Underdeck/Fascia Defects per Span.

Superstructure 1 (General 1) – Coating Condition, Drainage, Utility Lines/Support, Catwalks/Ladders/Hatches, Structural Connections (Read Only).

Superstructure 1 (General 2) – Underbridge Lighting, Bridge Mounted Sign Structures.

FCM Member Summary - Includes an FCM In-Depth Inspection Plan, Location Plan, Box Girder Inventory Forms, and Detail Plates. The Inspection Plan includes a description of the bridge and fracture critical members, inspection methods, and special inspection needs. The Location Plan is a framing plan highlighting the FCM members. The FCM location plan shall clearly identify all FCMs on each individual bridge. The Box Girder Inventory Forms are repeater field groups for each box girder and include data related to the box girder type, size, anchor bolts, bearings, connections, stiffeners and weldments. All notes regarding inspection findings shall be included on the Superstructure 2 (Superstructure) Form. Detail Plates include diagrams depicting the plan and elevation views and the cross section of the FCM members.

Superstructure 2 (Superstructure) – Repeater Group for Span to include all notes for FCM member inspection when considered superstructure element.

Bearing Matrix (Inventory Information Only) – The bearing deficiency matrix is included for inventory information only.

Superstructure 3 (Bearing) – Repeater Group for Bearing Lines.

Substructure 1 (General) – Abutment Slope, Substructure Protection Features, Right of Way Security, Drainage (Read Only).

Substructure 2 (Abutments and Piers) – Repeater group for Abutment/Wingwalls and Piers. **To include all notes for FCM member inspection when considered substructure element.**

Underwater Inspection Report / Soundings Survey – For Structures crossing waterways where a Type 2 Underwater Inspection is performed during the NBIS inspection a PDF of the report in its entirety will be uploaded and added as a report section. For all other cases Soundings Surveys will be provided as described above.

Waterway/Channel – Countermeasures and Waterway/Channel.

Fender/Navigation Lighting – Fender System, Navigation Lighting: Span Mounted, Navigation Lighting: Fender Mounted.

Navigation Lighting Status Sketch – plan view of the fender and span lighting documenting the findings from the nocturnal navigation lighting survey.

Bridge Security Features – Security Fencing, Box Girder Access, Major Bridge Security Features.

For Bridge Culverts only – A specific report type (NJTA Bridge Culvert) is used for these asset types. Many of the forms listed above are included in the culvert report type in addition to specific forms for Culvert Box and Culvert Pipes which are to be used as necessary.

Culvert Box – Roof Slab, Floor Slab, Sidewalls and Centerwalls, Wingwall/ Headwall.

Culvert Pipes – Corrugated Metal Pipe, Concrete Pipe, Steel Pipe, CCFRPM Pipe, Headwall/Wingwall.

c) Photographs

GENERAL: Elevation (2), Approach (All), Top of Deck (Each Type), Superstructure (Each Type), Waterway (2), FCM members.

UTILITY: (if not shown in General Photos) Specify type and location in description.

CATEGORY A: Defect Photos associated with Category A Reports (A1, A2, A3, Guide Rail, Inadequate Clearance, Utility).

DEFECT: Approach, Deck, Superstructure, Bearings, Substructure, Misc. (Utilities) in order of the field notes. Category D repairs will no longer be recommended in the reports, however, the corresponding defect photos should be included in the Photographs Section of the reports, and uploaded to the Pics/Files page as described below.

WORK DONE: Work done photos shall be included within the defect photos.

EQUIPMENT AND MPT: Special equipment or MPT in use during the inspection.

Photographs are required to be referenced in the field notes for all defects with Category A, or B/C repairs recommended; typical/worst photos shall be included in the report with reference to other similar locations in the description.

Deficiency quantities (e.g. 20 SF of concrete is hollow sounding) and location shall be included in the caption. The photo date shall be recorded upon upload and reflect the actual date the photograph was taken.

Although not all photos will be included in the Report, the Consultant shall take photos of every repairable (A, B/C or D) defect and upload onto the AWI database. Photos not included in the Inspection Report will also be useful for scoping of bridge repair contracts and the description shall contain the element and defect shown at a minimum.

Utility Photos are required for all utilities on a bridge. Photographs shall be clear enough to identify utility lines, casing, and supports, and be at a distance that shows the relative location of the utilities on the structure. Captions shall include direction and orientation of the photo stating location and type of lines. Separate photo is not necessary if above criteria are met in an existing photo. If utility is not captured within existing general, work done or defect photos, include a separate photograph at the end.

Note that photo references are not linkable to fields. Photo number references should therefore be manually entered after the photographs are numbered.

Deficiencies noted in reports shall be cross referenced to photos taken which depict that deficiency.

When improvements are underway at a structure, the Consultant shall provide photos of the areas under construction. This will require early familiarization with the Authority's planned bridge repair contracts for 2022 and 2023.

The digital camera to be used shall have a minimum resolution of four (4) mega pixels.

d) SI&A

FHWA SI&A forms are scheduled to be updated for all New Jersey Turnpike bridges in Groups 2 and 4. All SI&A data required by the Authority as described below will be submitted to NJDOT. It is noted that except for first cycle bridges, AWI is populated with SI&A data from the 2021 bridge inspection cycle. The consultant shall update the SI&A data, and run the error check and Sufficiency Rating calculation utilizing AWI software. **Consultants should pay particular attention to fields highlighted RED which indicate that the input does not follow the defined format, causing the data transfer to fail for that asset. The Authority will transmit SI&A data directly to NJDOT's CombIS system within the Bentley system.**

The tasks involved in updating the forms include:

- a. Addressing Federal Coding Items 1 to 116 (inclusive).
 - Code Item 100 (STRAHNET Route) in accordance with FHWA memo dated February 9, 2001. Item 6B shall no longer be coded as per FHWA errata sheet.
 - Code Items 11, 12 and 13 using NJDOT Straight Line Diagrams and Appraisal of New Jersey Bridges.
 - Code Items 10, 47 and 54 for all sheets (Sheet 2 or A through Z).
 - Code Item 21 as State Toll Agency (31).
 - The Authority will update all state and federal load rating fields. Consultant shall verify that the ratings on the Load Rating Summary sheet match the SIA data and will notify the Authority if they do not match.
- b. Completion of State Coding Items as follows:

Requirements for Sheet 1

<u>Item No.</u>	<u>Name</u>
(M84)	Degree latitude
(M85)	Degree longitude
(A)	Town
(AA)	Route
(AB)	Structure Name
(AE)	Owner
(AE)	Owner 2
(AF)	Alt. Structure #

(AG)	Rail Type
(AK)	Abutment
(AL)	Pier
(AM)	Depth of Fill
(AV)	Widened Struct. - 1st Widened Design
(AV)	Widened Struct. - 1st Widened Mat.
(AV)	Widened Struct. - 2nd Widened Design
(AV)	Widened Struct. - 2nd Widened Mat.
(BA)	Approach Roadway Condition
(BC)	USRA Code
(BE)	Rail Milepost
(BR)	<i>Load Ratings: HS Tons</i>
(BV)	<i>Load Ratings: Military: RF</i>
(CB)	<i>Load Ratings: HS Tons</i>
(CF)	<i>Load Ratings: Military: RF</i>
(CG)	<i>Load Type- Load/Tons</i>
(CI)	Cycle Number
(CJ)	Inspection Type
(CM)	Consultant
(CP)	Federal Report
(FV)	Route Milepost
(BQ)	<i>Load Ratings – H</i>
(BS)	<i>Load Ratings - 3</i>
(BT)	<i>Load Ratings - 3S2</i>
(BU)	<i>Load Ratings - 3-3</i>
(CA)	<i>Load Ratings - H</i>
(CC)	<i>Load Ratings - 3</i>
(CD)	<i>Load Ratings - 3S2</i>
(CE)	<i>Load Ratings - 3-3</i>

All the State load rating fields indicated in italic above will be coded by NJTA. The Consultant shall verify the data.

Requirements for Sheet 2 or A through Z

<u>Item No.</u>	<u>Name</u>
DJ	Minimum Vertical Underclearance Including Shoulders
SRI	State Route Identification including Ramp Identifiers

The Consultant shall notify the Authority of coding downgrades from above a four (4) or upgrades from less than or equal to a four (4) for Federal Codes 58, 59 and 60.

e) Bridge Element Level Inspection

In accordance with 23 CFR 650 Subpart C, the Authority will collect element level data for all of its NBIS bridges since the 2015 Bridge Inspection Program. Bentley has developed the Element Level Inspection Data Input module within the AWI software for the Authority. **Bridge Element Level inspection data will also be transmitted directly to NJDOT's COMBIS system within the Bentley systems.**

The Consultant shall perform the element level inspection concurrently with the routine NBIS inspection for each bridge within the scope of this assignment. The Consultant shall refer to the AASHTO Manual for Bridge Element Inspection and NJDOT Bridge Element Inspection Manual for element descriptions, quantity calculations, and condition state definitions.

The Consultant shall cross check inputs for condition states and quantities for a particular element with its corresponding input in the bridge inspection forms and SI&A item condition ratings to ensure consistent inputs.

2. Format Report Submission

The Bridge Inspection Technical Program Manager will select the first five bridges to serve as format reports and will provide the list to the Consultant at the kick-off meeting.

3. Draft Report Submission

The Consultant shall bundle draft report submission in groups of approximately 20. The submission groups shall be included in the consultant's first Submission Schedule for the Authority's approval. Draft reports shall be submitted in electronic format (pdf). The Bridge Inspection Technical Program Manager will establish FTP sites to upload the reports. The Authority will review a representative number of reports per group and will return red-lined comments to the Consultant. The consultant shall address all comments into all of the final reports including those that were not marked up.

E. Electronic Deliverables for Final Reports

Hard copies of reports are not required to be submitted. Bridge inspection report files shall be provided as PDF files on CDs, DVD, flash drive or other acceptable media. Each of the reports shall be named (GSP or TPK)_BridgeInspectionReport_Structure Number.file extension. Examples include "GSP_BridgeInspectionReport_28.0S.pdf", and "TPK_BridgeInspectionReport_W106.26AR.pdf". All reports shall be placed together in one folder or subfolder set up specifically for bridge inspection reports only. Working files for Underwater Inspection Reports, Section Loss Sheets, etc. shall also be included under a separate folder titled "Working Files".

F. Authority Deficiency Category Definitions

To identify the severity of the deficiencies and prioritize the necessary repairs to help in planning for future Maintenance Force and Contract improvements, the deficiencies and conditions noted in the bridge and ancillary structure inspection reports shall be identified within one of the following Authority stipulated repair categories:

CATEGORY A

Deficiencies that require prioritized attention with prompt notification given to the Authority. For such findings, a Category A report is prepared and issued with one of the below subcategories based on urgency and criticality.

A1 (Emergency)

Critical findings in the bridge deck, superstructure or substructure which, if not repaired immediately, may require closing the bridge, or a portion thereof, and could lead to a total collapse of the structure; or, a defect found at any ancillary structural asset determined as an immediate safety hazard to the traveling public.

A2 (Priority)

Major defects noted which are recommended for necessary repair in the near future as they pose a potential safety concern to the travelling public, or could lead to significant load restriction or partial collapse of the structure.

A3 (Non-Structural)

Issues noted which are recommended for repair before or within the next regularly scheduled contract as they pose a potential safety concern to the travelling public.

Guide Rail

Damage or significant corrosion noted to guide rail elements including attachments to bridges, rail and posts at approach roadway or substructure protection runs, and end terminals at Turnpike and Parkway structures, which require repair in the near future are reported by the issuance of a Guide Rail Type Category A Report.

Utility

Damage or significant corrosion noted to Authority and outside agency utility supports, pipes/conduits and connections at Turnpike and Parkway structures, which require repair in the near future are reported by the issuance of a Utility Type Category A Report.

Inadequate Clearance

Vertical bridge under clearances which are incorrectly posted, or measured to be less than the following minimum thresholds established for New Jersey Turnpike and Garden State Parkway crossings, are reported by the issuance of an Inadequate Clearance Type Category A Report.

Bridges over State Roads	14' – 9" minimum
Bridges over Non-State (County and Local) Roads	14' – 6" minimum
Bridges over New Jersey Turnpike and Garden State Parkway Roads	14' – 0" minimum

Through AWI, a Category A Report is issued for each item and distributed to Engineering and Maintenance as required. Further information can be found in the Category A Repair Procedures.

For loose concrete found over traffic, the Consultant shall remove loose material if fractured areas are reachable and removable by hand tools. The Consultant shall mark the fractured area with spray paint and take two photos of the area, one close-up, and one backed up to indicate the location of fracture relative to span framing.

CATEGORY B / C “Contract / Deck Work”

Deficiencies noted that are recommended for repair by an annual Bridge Repair Contract or Specialized Repair Contract as part of the Authority’s Capital Budget Program.

CATEGORY D “Maintenance”

Deficiencies noted which can be repaired most expeditiously by the Authority’s Maintenance Department.

CATEGORY E “Monitor”

Noted deficiencies or conditions that are considered actively developing and may be recommended for contract work, but require monitoring until the condition has been remedied. This monitoring would involve an increased inspection frequency and/or level of detail through routine or interim inspections.

Further information can be found in the Authority Deficiency Category Definitions on the Authority’s website at https://www.njta.com/media/4595/njta_deficiency_category_definitions_v61219.pdf.

Subsection A4

Staffing Estimate

OPS No. T3907

**2023 New Jersey Turnpike Authority Bridge Inspection Program
 New Jersey Turnpike – Group 2, Milepost 67 to 99**

Classification (ASCE-Grade)	Task 1 Mobilization	Task 2 Bridge Inspection	Task 3 Bridge Reports	Task 4 SI&A/Element Level Inspection	Task 5 Load Rating	Task 6 Miscellaneous Work	Total Hours
Project Manager ()							
Team Leader ()							
Inspector/ Engineer ()							
Junior Engineer ()							
CADD Technician ()							
Other-Specify ()							
Total Hours							

Note: The above chart is intended to act as a guide. The Consultant shall modify and expand Classifications and tasks as required to meet project needs.

Subsection A4

Staffing Estimate
OPS No. T3908

2023 New Jersey Turnpike Authority Bridge Inspection Program
New Jersey Turnpike – Group 4, Milepost 99 to 122

Classification (ASCE-Grade)	Task 1 Mobilization	Task 2 Bridge Inspection	Task 3 Bridge Reports	Task 4 SI&A/Element Level Inspection	Task 5 Load Rating	Task 6 Miscellaneous Work	Total Hours
Project Manager ()							
Team Leader ()							
Inspector/ Engineer ()							
Junior Engineer ()							
CADD Technician ()							
Other-Specify ()							
Total Hours							

Note: The above chart is intended to act as a guide. The Consultant shall modify and expand Classifications and tasks as required to meet project needs.

Subsection A5 **Compensation Basis**

The Consultant will be responsible for paying all tolls.

Following a review of submitted Expressions of Interest, the Authority will request Fee Proposal(s) from the Firm(s) it deems most qualified.

The Sealed Fee Proposal shall be submitted as a cost-plus fee, based on reimbursement of direct professional and technical salaries, except Corporate Officers, Partners, Owners and routine secretarial and clerical services, times a multiplier, not to exceed 2.8, based on a 10% allowance for profit and an overhead rate of 154.5%, the individual Firm's overhead rate as determined by Federal Audit Regulation (FAR) procedures, whichever is less) plus direct expenses and subconsultant services, at cost. The multiplier shall not be applied to the premium portion of overtime. When Corporate Officers, Partners, Owners and/or Principals are required to provide services in a technical capacity, the salaries for such services shall be reimbursable for direct salaries times a multiplier not to exceed 2.8. The multiplier covers all overhead and profit. No expenses or costs shall be billed unless specifically included in this EOI Solicitation and Final Negotiated Fee Proposal. For general services provided by Corporate Officers, Partners, Owners and/or Principals working in a non-technical capacity, no compensation will be provided.

Average rate per classification/grade will not be permitted to determine total labor costs. The Consultant shall list each individual proposed for the project and include the hours and hourly pay rate.

Salary rate increases will be permitted in accordance with the following parameters:

- Salary increases will not be permitted for the first 24 months of any OPS Agreement from the date of execution.
- Starting at month 25, all staff, regardless of pay grade / title, will be allowed up to a maximum annual increase of 2%.
- The proposal salary rate increase schedule will apply to the prime consultant as well as all subconsultants.

The Fee Proposal, when requested, shall detail time (hours) and direct salary data for classifications conforming to ASCE Professional and Technical Grades, as shown on the Staffing Estimate and as modified by the Consultant to account for all required services. The ceiling amount shall be estimated to the nearest \$5,000.

Salaries shall be charged at the Consultant's hourly rates. The Consultant is responsible for managing the assignment, adhering to the number of hours, salary rates and personnel, as proposed in the Expression of Interest and Fee Proposal. Individual standard and overtime rates must be approved by the Authority's Chief Engineer or the Chief Engineer's designated representative prior to commencement of work or whenever the Consultant proposes that an individual's rate be changed during the term of this OPS, provided such change is reflected in the Consultant's Fee Proposal. Except for overtime worked on construction supervision during permissible contract working hours, approval of overtime must be issued by the Authority. The Fee Proposal shall follow and reflect the Staffing Estimate as shown in Subsection A4.

Given the potential for out-of-scope activities to arise during the performance of this OPS, the Consultant is directed to include a 10% contingency of the burdened labor fee for "Unanticipated Services" in their Fee Proposal. These contingency monies will be utilized only upon receipt of written notification from the Authority explicitly authorizing the use of these monies

Direct expenses shall include only mileage, printing of inspection reports (including the costs of regular paper, colored paper, dividers, covers, photo pages, bindings, labels, and plastic covers), railroad flagging and inspection services, railroad and utility permits/insurance, rental cost for bridge inspection equipment, MPT costs, fuel and repairs for rented

inspection equipment or TMAs, Authority approved safety vests, tolls charged by other agencies as required to access Authority bridges, and expenses associated with the unanticipated assignment task, with prior written approval by the Authority. The Consultant shall provide the estimated direct costs for these items in the Fee Proposal. Mileage will be paid at the prevailing rate. Mileage will be reimbursed for travel between the field office and the job site and return. Any change to this rate is subject to the approval of the New Jersey Turnpike Authority.

Expenses for lodging and meals will be paid in accordance with the Federal per diem rates which can be found at www.gsa.gov/perdiem. Compensation for lodging and meals must be approved in advance by the Authority, otherwise the Consultant will not be reimbursed for meals and lodging. This shall also apply to the Consultants subconsultants.

Subconsultant services are those required services performed by other Firms at the Consultant's direction. These services in excess of \$5,000 must be approved in advance by the Authority.

Overnight delivery charges will be paid by the Authority if said delivery is specifically requested by the Authority and agreed to in advance. Otherwise, the Consultant will not be reimbursed for overnight delivery charges if the Consultant elects to use such services for its convenience. This shall also apply to the Consultant's subconsultants.

Subsection A6
Prequalified and Eligible Consultants

- | | |
|---|---|
| 1. AECOM Technical Services | 18. Modjeski & Masters, Inc. |
| 2. Arora and Associates, P.C. | 19. Mott MacDonald LLC |
| 3. ATANE Engineers, Architects and Land Surveyors, P.C. | 20. MP Engineers, P.C. |
| 4. Boswell Engineering | 21. Parsons Transportation Group |
| 5. Buchart-Horn, Inc. | 22. Pennoni Associates, Inc. |
| 6. CDM Smith Inc. | 23. Pickering, Corts & Summerson, Inc. |
| 7. CME Associates | 24. PKB Engineering, P.C. |
| 8. Gannett Fleming, Inc. | 25. PRIME AE Group, Inc. |
| 9. GM2 Associates, Inc. | 26. SJH Engineering, P.C. |
| 10. Greenman-Pedersen, Inc. | 27. Stantec Consulting Services, Inc. |
| 11. Hardesty & Hanover, LLC | 28. STV Incorporated |
| 12. IH Engineers, P.C. | 29. T.Y. Lin International |
| 13. Johnson, Mirmiran & Thompson, Inc. | 30. Traffic Planning and Design, Inc. |
| 14. KS Engineers, P.C. | 31. TranSystems Corporation |
| 15. LS Engineering Associates Corporation | 32. Van Cleef Engineering Associates, LLC |
| 16. MAKS Engineers, PC | 33. W.J. Castle P.E. and Associates P.C. |
| 17. Michael Baker International, Inc. | 34. WSP USA Inc. |

**Subsection A7
 Bridge Listing
 Group 2- OPS T3907**

No.	Bridge No.	Bridge Description	Length (ft.)	Span	FCM	Inspection Date
1	MP 67.27	Turnpike NSI/SNI and Int. 8 Ramps TSI/SIT over Rocky Brook	96	003		04/26/2021
2	MP 67.27NO	Turnpike SNO and Int. 8 Ramp SOT over Rocky Brook	93	001		07/28/2021
3	MP 67.27SO	Turnpike NSO and Int. 8 Ramp TSO over Rocky Brook	96	001		07/28/2021
4	MP 67.47	Turnpike Int. 8 Ramps NT/TS over Turnpike NSO/NSI/SNI/SNO and Int. 8 Ramps TSO/TSI/UTU (at District 4)	462	003		04/26/2021
5	MP 67.47A	Turnpike Int. 8 Ramp SIT over Turnpike SNO	253	002	Y	07/29/2021
6	MP 67.47B	Turnpike Int. 8 Ramp TNI over Turnpike SNO	269	002	Y	07/29/2021
7	MP 67.47C	Turnpike Int. 8 Ramp TSI over Turnpike NSO	271	002	Y	08/04/2021
8	MP 67.47D	Turnpike Int. 8 Ramp NIT over Turnpike NSO	252	002	Y	07/07/2021
9	MP 67.47E	Turnpike UTO (AT MP 67) over Turnpike Int. 8 Ramps SOT/SIT/NT/TS/TN	206	002		04/19/2021
10	MP 67.47F	Milford Road over Turnpike Int. 8 Ramps WT1/WT2/TW/TE	155	001		04/26/2021
11	MP 67.47G	Turnpike Int. 8 Ramps TW/WT over NJ Route 33	259	001		06/28/2021
12	MP 67.47H	Turnpike Ramp SIT over Rocky Brook	93	001		06/28/2021
13	MP 67.89	Turnpike NSI/SNI over NJ Route 33 (Franklin Street)	83	001		03/04/2021
14	MP 67.89NO	Turnpike SNO over NJ Route 33 (Franklin Street)	133	001		08/03/2021
15	MP 67.89SO	Turnpike NSO over NJ Route 33 (Franklin Street)	135	001		08/03/2021
16	MP 68.01	Turnpike NSI/SNI over Monmouth Road (CR 633)	106	003		04/28/2021
17	MP 68.01NO	Turnpike SNO over Monmouth Road (CR 633)	104	001		07/27/2021
18	MP 68.01SO	Turnpike NSO over Monmouth Road (CR 633)	102	001		07/27/2021
19	MP 68.40R	Wycoff's Mill Road over Turnpike NSO/NSI/SNI/SNO	353	003		05/03/2021
20	MP 68.64	Turnpike UTO (at MP 69) over Turnpike NSO/NSI/SNI/SNO	339	003		07/16/2021
21	MP 68.75	Turnpike NSI/SNI over Millstone River	111	003		04/21/2021
22	MP 68.75NO	Turnpike SNO over Millstone River	107	001		08/05/2021
23	MP 68.75SO	Turnpike NSO over Millstone River	107	001		08/05/2021
24	MP 69.27R	Brickyard Road over Turnpike NSO/NSI/SNI/SNO	371	003		05/03/2021
25	MP 69.85NO	Turnpike SNO over Hightstown-Cranbury Station Road	253	002		06/01/2021
26	MP 69.85R	Turnpike NSI/SNI over Hightstown-Cranbury Station Road	248	002		08/05/2021
27	MP 69.85SO	Turnpike NSO over Hightstown-Cranbury Station Road	255	002		06/01/2021
28	MP 70.48R	Cranbury Station Road (CR 615) over Turnpike NSO/NSI/SNI/SNO	339	003		07/19/2021
29	MP 70.74	Turnpike NSI/SNI over Cranbury Brook	41	001		05/05/2021
30	MP 70.74NO	Turnpike SNO over Cranbury Brook	45	001		08/06/2021
31	MP 70.74SO	Turnpike NSO over Cranbury Brook	45	001		08/06/2021
32	MP 71.26R	Cranbury -Half Acre Road over Turnpike NSO/NSI/SNI/SNO and SA 8AS Ramp SASO	436	003		04/02/2021
33	MP 71.37	Turnpike SA7S Ramp SASI over Turnpike NSO	312	003	Y	07/27/2021
34	MP 71.46AR	Turnpike SA 8AS Ramps SSP/SPN over Turnpike NSO/NSI/SNI/SNO and SA 8AS Ramp SAS	459	004		06/10/2021
35	MP 72.11R	Prospect Plains Road (CR 614) over Turnpike NSO/NSI/SNI/SNO and SA 8AS Ramps SOSA/SISA	379	003		05/03/2021

No.	Bridge No.	Bridge Description	Length (ft.)	Span	FCM	Inspection Date
36	MP 72.29	Turnpike SA7S Ramp NISA over Turnpike NSO	321	003	Y	07/27/2021
37	MP 73.10SO	Turnpike NSO over Shallow Brook (Wetlands)	73	002		03/26/2021
38	MP 73.41	Forsgate Drive EB (CR 612) over Turnpike NSO/NSI/SNI/SNO	357	004		03/25/2021
39	MP 73.42R	Forsgate Drive WB (CR 612) over Turnpike NSO/NSI/SNI/SNO	357	004		03/10/2021
40	MP 73.68A	Turnpike Int. 8A Ramp SIT over Turnpike SNO	305	003	Y	04/06/2021
41	MP 73.79A	Turnpike Int. 8A Ramp TNI over Turnpike SNO	243	003	Y	04/06/2021
42	MP 73.84	Turnpike Int. 8A Ramp TSI over Turnpike NSO	266	002		03/04/2021
43	MP 73.89A	Turnpike Int. 8A Ramps TN/ST over Turnpike NSO/NSI/SNI/SNO and Int. 8A Ramps TNO/TNI	527	007		05/27/2021
44	MP 73.89B	Turnpike Int. 8A Ramps WT/TE over NJ Route 32 (Forsgate Drive)	186	002		05/26/2021
45	MP 73.93A	Turnpike Int. 8A Ramp NIT over Turnpike NSO	247	003		05/20/2021
46	MP 74.31	Turnpike NSI/SNI over Conrail "Jamesburg Branch"	125	003		05/21/2021
47	MP 74.31NO	Turnpike SNO over Conrail "Jamesburg Branch"	123	003		05/21/2021
48	MP 74.35SO	Turnpike NSO over Conrail "Jamesburg Branch" and Cranbury-S. River Road (CR 535)	440	006	Y	03/12/2021
49	MP 74.39	Turnpike NSI/SNI over Cranbury South River Road (CR 535)	198	003		04/06/2021
50	MP 74.39NO	Turnpike SNO over Cranbury South River Road (CR 535)	253	003		04/05/2021
51	MP 75.50	Turnpike UTO (at MP 75) over Turnpike NSO/NSI/SNI/SNO	309	006		06/02/2021
52	MP 75.52	Ridge Road (CR 522) over Turnpike NSO/NSI/SNI/SNO	319	006		05/12/2021
53	MP 75.58NO	Turnpike SNO over Wetlands	128	003		05/24/2021
54	MP 76.10R	Deans-Rhode Hall Road (CR 610) over Turnpike NSO/NSI/SNI/SNO	332	006		05/24/2021
55	MP 77.07R	Davidson's Mill Road over Turnpike NSO/NSI/SNI/SNO	376	006		05/10/2021
56	MP 77.44	Turnpike UTO (at MP 77) over Turnpike NSO/NSI/SNI/SNO	334	006		06/01/2021
57	MP 77.79	Turnpike NSO/NSI over Ireland Brook (Wetlands)	106	001		06/10/2021
58	MP 77.81	Turnpike NSI/SNI/SNO over Ireland Brook	21	001		07/15/2021
59	MP 78.18	Church Lane over Turnpike NSO/NSI/SNI/SNO	331	004		05/10/2021
60	MP 78.46	Turnpike SA 8N Ramp SISA over Turnpike SNO	261	002	Y	04/07/2021
61	MP 79.04	Turnpike SA 8N Ramp SANI over Turnpike SNO	337	003	Y	04/02/2021
62	MP 79.15	Turnpike NSO/NSI over South Branch of Beaverdam Brook (Wetlands)	125	002		06/09/2021
63	MP 79.30	Hardenburg Lane over Turnpike NSO/NSI/SNI/SNO and Ramp SANI	340	004		05/24/2021
64	MP 79.46SI	Turnpike NSI over North Branch of Beaverdam Brook (Wetlands)	1048	012		05/06/2021
65	MP 79.46SO	Turnpike NSO over North Branch of Beaverdam Brook (Wetlands)	876	010		05/20/2021
66	MP 79.80R	Dutch Road over Turnpike NSO/NSI/SNI/SNO	297	004		03/30/2021
67	MP 80.33	Turnpike NSO over Bog Brook	68	001		05/14/2021
68	MP 80.37	Turnpike SNO over Bog Brook	68	001		05/08/2021
69	MP 80.45R	Main Street-Milltown Road (CR 606) over Turnpike NSO/NSI/SNI/SNO	322	004		04/08/2021
70	MP 80.76NO	Turnpike SNO over Tributary of Westons Mill Pond	40	001		04/21/2021
71	MP 80.76SO	Turnpike NSO over Tributary of Westons Mill Pond	37	001		05/13/2021
72	MP 80.97	Turnpike UTO (at MP 81) over Turnpike NSO/NSI/SNI/SNO	286	005		05/12/2021

No.	Bridge No.	Bridge Description	Length (ft.)	Span	FCM	Inspection Date
73	MP 80.99	Raritan River Railroad (Conrail) over Turnpike NSO/NSI/SNI/SNO	208	004	Y	05/07/2021
74	MP 81.09R	Ryders Lane (CR 617) over Turnpike NSO/NSI/SNI/SNO	523	004		04/01/2021
75	MP 81.58	Turnpike NSI/SNI over Tices Lane	100	003		04/01/2021
76	MP 81.58NO	Turnpike SNO over Tices Lane	103	003		03/30/2021
77	MP 81.58SO	Turnpike NSO over Tices Lane	103	003		03/30/2021
78	MP 81.66	Turnpike NSI/SNI over Sawmill Brook	20	001		03/25/2021
79	MP 81.66NO	Turnpike SNO over Sawmill Brook	76	001		03/26/2021
80	MP 81.66SO	Turnpike NSO over Sawmill Brook	497	006		03/26/2021
81	MP 82.15R	Sullivan Way over Turnpike NSO/NSI/SNI/SNO	269	004		03/10/2021
82	MP 82.95	NJ Route 18 over Turnpike NSO/NSI/SNI/SNO, Westons Mill Road, and Snydam Road	681	006		04/07/2021
83	MP 82.97A	Pedestrian Bridge over NJ Route 18 (at Eggers Street)	100	001	Y	03/04/2021
84	MP 83.25	Turnpike Int. 9 Ramp SIT over Turnpike SNO	177	002		05/28/2021
85	MP 83.30	Turnpike Int. 9 Ramp TSI over Turnpike NSO	210	002		06/03/2021
86	MP 83.34BR	NJ Route 18 over Turnpike Int. 9 Ramps TE/WT	86	001		04/05/2021
87	MP 83.34CR	Naricon Place over Turnpike Int. 9 Ramp TW	59	001		04/05/2021
88	MP 83.36	Turnpike Int. 9 Ramp TNI over Turnpike SNO	146	002		05/28/2021
89	MP 83.42	Turnpike Int. 9 Ramps TN/ST over Turnpike NSO/NSI/SNI/SNO and Int. 9 Ramps TNI/TNO	540	006		06/04/2021
90	MP 83.53	Turnpike Int. 9 Ramp NT over Lawrence Brook	252	003		06/07/2021
91	MP 83.55	Turnpike NSI/SNI and Interchange 9 Ramp TNI over Lawrence Brook	197	003		06/07/2021
92	MP 83.55NO	Turnpike SNO over Lawrence Brook	197	003		06/07/2021
93	MP 83.55SO	Turnpike NSO over Lawrence Brook	197	003		06/07/2021
94	MP 83.72	Turnpike Int. 9 Ramp NIT over Turnpike NSO	340	004	Y	04/06/2021
95	MP 84.55N	Turnpike SNI/SNO over Former LVRR "Raritan Branch"	154	003		04/19/2021
96	MP 84.55S	Turnpike NSO/NSI over Former LVRR "Raritan Branch"	154	003		04/12/2021
97	MP 84.94	Meadow Road over Turnpike NSO/NSI/SNI/SNO	358	006		04/09/2021
98	MP 85.68	Woodbridge Avenue (CR 514) over Turnpike NSO/NSI/SNI/SNO	347	006		04/07/2021
99	MP 85.71	Turnpike NSO/NSI/SNI/SNO over Mill Brook	21	001		05/12/2021
100	MP 85.77N	Turnpike SNI/SNO over Turnpike UTU (at MP 86)	109	001		04/20/2021
101	MP 85.77S	Turnpike NSO/NSI over Turnpike UTU (at MP 86)	217	003		04/21/2021
102	MP 86.38	Turnpike NSO/NSI/SNI/SNO over Mill Brook	23	001		05/18/2021
103	MP 86.58	Pedestrian Bridge over Turnpike NSO/NSI/SNI/SNO (at Old Post Road)	338	005	Y	03/31/2021
104	MP 86.59	Old Post Road over Turnpike NSO/NSI/SNI/SNO	349	005		03/31/2021
105	MP 86.65	Turnpike NSO/NSI/SNI/SNO over Mill Brook	25	001		05/24/2021
106	MP 87.10N	Turnpike SNI/SNO over Conrail "Bonhamtown Branch"	157	003		04/29/2021
107	MP 87.10S	Turnpike NSO/NSI over Conrail "Bonhamtown Branch"	146	003		04/29/2021
108	MP 87.27N	Turnpike SNI/SNO over Main Street (CR 531)	131	003		04/07/2021
109	MP 87.27S	Turnpike NSO/NSI over Main Street (CR 531)	131	003		04/07/2021

No.	Bridge No.	Bridge Description	Length (ft.)	Span	FCM	Inspection Date
110	MP 87.76	Turnpike NSO/NSI/SNI/SNO over Mill Brook	21	001		07/14/2021
111	MP 88.05AN	Turnpike Int. 10 Ramp SIT over Turnpike SNO	170	002		06/04/2021
112	MP 88.09A	Turnpike Int. 10 Ramps NT/TS over Turnpike NSO/NSI/SNI/SNO and Int. 10 Ramps TSO/TSI	515	008		06/08/2021
113	MP 88.09B	Turnpike Int. 10 Ramp TW over Woodbridge Avenue (CR 514) and NJDOT Ramp to Woodbridge Avenue	271	004		06/03/2021
114	MP 88.13AN	Turnpike Int. 10 Ramp TNI over Turnpike SNO	130	002		06/02/2021
115	MP 88.28AS	Turnpike Int. 10 Ramp TSI over Turnpike NSO	139	002		06/02/2021
116	MP 88.33AS	Turnpike Int. 10 Ramp NIT over Turnpike NSO	139	002		06/02/2021
117	MP 88.69N	Turnpike SNI/SNO over Middlesex Greenway	153	003		06/01/2021
118	MP 88.69S	Turnpike NSO/NSI over Middlesex Greenway	153	003		06/01/2021
119	MP 88.89N	Turnpike SNI/SNO over Amboy Avenue (CR 501)	144	003		03/02/2021
120	MP 88.89S	Turnpike NSO/NSI over Amboy Avenue (CR 501)	144	003		03/29/2021
121	MP 89.15	Grandview Avenue over Turnpike NSO/NSI/SNI/SNO	418	006		03/29/2021
122	MP 89.73	Ford Avenue over Turnpike NSO/NSI/SNI/SNO	322	006		03/29/2021
123	MP 90.10A	Turnpike UTO (at MP 90) over Turnpike NSO/NSI/SNI/SNO	257	002		05/24/2021
124	MP 90.21A	Parkway Ramp 129SBX (11 PNT) over Turnpike NSO/NSI/SNI/SNO	236	002		07/08/2021
125	MP 90.23U	Main Street (CR 514) over Parkway N/S and Turnpike Interchange 11 Ramps PNT/TPN	463	004	Y	05/27/2021
126	MP 90.84AN	Turnpike SNO and Int. 11 Ramp SOT over Turnpike Int. 11 Ramp SIT	187	003		05/20/2021
127	MP 90.99A	Turnpike Int. 11 Ramp TSI over Turnpike NSI/SNI/SNO	377	006		07/01/2021
128	MP 90.99B	Turnpike Int. 11 Ramp TS over Turnpike Int. 11 Ramp NT	193	003		06/17/2021
129	MP 90.99C	Parkway N/S over Turnpike Int. 11 Ramp PNT	70	001		06/29/2021
130	MP 90.99D	Turnpike Int. 11 Ramps TPS/TK over Parkway N/S and Interchange 11 Ramp PNT	297	004		06/29/2021
131	MP 90.99E	Parkway Ramp 129 NBE (TPK Int. 11 Ramp KPN) over Turnpike Int. 11 Ramp PST	237	003		06/14/2021
132	MP 90.99G	Turnpike Int. 11 Ramp TK over Turnpike Int. 11 Ramp PNK	186	003		06/18/2021
133	MP 91.02AS	Turnpike NSO over Turnpike Int. 11 Ramp TSO	174	003		05/15/2021
134	MP 91.03A	Turnpike Int. 11 Ramp TSO over Turnpike NSI/SNI/SNO	347	006		05/12/2021
135	MP 91.13	US Route 9 over Turnpike NSI/SNI/SNO	348	006		05/12/2021
136	MP 91.15	Turnpike NSO over US Route 9	181	004		04/08/2021
137	MP 91.32A	Turnpike Int. 11 Ramp NOT over Turnpike NSO/NSI/SNI/SNO	535	008		05/17/2021
138	MP 91.32B	US Route 9 over Turnpike Int. 11 Ramps NT/TN	221	004		05/13/2021
139	MP 91.36A	Turnpike Int. 11 Ramp NIT over Turnpike NSI/SNI/SNO	823	011	Y	05/17/2021
140	MP 91.37AN	Turnpike Int. 11 Ramp TNI over Turnpike SNO	205	003		05/17/2021
141	MP 91.89	NJ Route 35 (Amboy Avenue) over Turnpike NSO/NSI/SNI/SNO	350	004		04/20/2021
142	MP 92.08	Fulton Street over Turnpike NSO/NSI/SNI/SNO	305	004		03/02/2021
143	MP 92.08W	Fulton Street over Legion Place	58	001		03/02/2021
144	MP 92.10	NJ Transit Railroad "Jersey Coast Line" over Turnpike NSO/NSI/SNI/SNO	308	004	Y	05/05/2021
145	MP 92.11AR	Turnpike UTO (at MP 92) over Turnpike NSO/NSI/SNI/SNO	276	004		06/21/2021
146	MP 92.51	Woodbridge Avenue (CR 652) over Turnpike NSO/NSI/SNI/SNO	535	004		03/30/2021

No.	Bridge No.	Bridge Description	Length (ft.)	Span	FCM	Inspection Date
147	MP 92.65NI	Turnpike SNI over Woodbridge River	59	001		04/19/2021
148	MP 92.65NO	Turnpike SNO and SA 10N Ramp SOSA over Woodbridge River	57	001		04/13/2021
149	MP 92.65SI	Turnpike NSI over Woodbridge River	59	001		04/19/2021
150	MP 92.65SO	Turnpike NSO and SA 10S Ramp SASO over Woodbridge River	59	001		04/19/2021
151	MP 92.69ANR	Turnpike SA 10N Ramp SISA over Turnpike SNO, SA 10N Ramp SOSA, and Woodbridge River	594	007	Y	05/04/2021
152	MP 92.76ASR	Turnpike SA 10S Ramp SASI over Turnpike NSO	660	009	Y	04/26/2021
153	MP 93.11ANR	Turnpike SA 10N Ramp SANI over Turnpike SNO	472	006	Y	04/29/2021
154	MP 93.14ASR	Turnpike SA 10S Ramp NISA over Turnpike NSO and SA 10S Ramp NOSA	508	006	Y	04/28/2021
155	MP 93.27	Port Reading Avenue (CR 604) over Turnpike NSO/NSI/SNI/SNO, SA 10N/S Ramps NOSA/NISA/SANI/SANO, and 2 nd Avenue	504	005		05/05/2021
156	MP 93.81NI	Turnpike SNI over Turnpike UTU (at MP 94) and Reading Railroad	135	003		04/19/2021
157	MP 93.81NO	Turnpike SNO over Turnpike UTU (at MP 94) and Reading Railroad	141	003		04/19/2021
158	MP 93.81SI	Turnpike NSI over Turnpike UTU (at MP 94) and Reading Railroad	141	003		04/19/2021
159	MP 93.81SO	Turnpike NSO over Turnpike UTU (at MP 94) and Reading Railroad	141	003		04/19/2021
160	MP 94.06	Turnpike NSO/NSI/SNI/SNO over Colonial Pipelines	30	003		07/19/2021
161	MP 95.80	Roosevelt Avenue (CR 602) over Turnpike NSO/NSI/SNI/SNO, Int. 12 Ramps TSO/SIT/SOT, CONRAIL, and Roosevelt Ave UTU	695	006		03/22/2021
162	MP 95.89ANR	Turnpike Int. 12 Ramp SIT over Turnpike SNO and Conrail	505	006	Y	07/14/2021
163	MP 95.92A	Turnpike Int. 12 Ramp NT/TS over Turnpike NSO/NSI/SNI/SNO and Conrail	799	009		07/12/2021
164	MP 95.92B	Turnpike Int. 12 Ramp SOT over Conrail	263	002		07/14/2021
165	MP 95.95A	Turnpike Int. 12 Ramps ET1/WT over Turnpike Int. 12 Ramps TE1/TE2/ET2/ET1 and Roosevelt Avenue	1971	022	Y	07/15/2021
166	MP 95.95B	Turnpike Int. 12 Ramps WT/ET/TE over Unnamed Waterway	27	001		07/15/2021
167	MP 95.96ANI	Turnpike Int. 12 Ramp TNI over Turnpike SNO and Conrail	510	005	Y	07/14/2021
168	MP 95.96ANO	Turnpike Int. 12 Ramp TNO over Conrail	472	004		07/14/2021
169	MP 96.05AS	Turnpike NSO over Turnpike Int. 12 Ramps NIT/TSI	177	002		07/15/2021
170	MP 96.23NI	Turnpike SNI over Rahway River	507	007		05/12/2021
171	MP 96.23NO	Turnpike SNO over Rahway River	501	007		04/14/2021
172	MP 96.23SI	Turnpike NSI over Rahway River	506	007		05/12/2021
173	MP 96.23SO	Turnpike NSO over Rahway River	516	007		05/12/2021
174	MP 96.39	Turnpike NSO/NSI/SNI/SNO over Conrail "Linden Branch"	38	001		07/17/2021
175	MP 97.18A	Turnpike UTO (at MP 97) over Turnpike NSO/NSI/SNI/SNO	318	004		06/30/2021
176	MP 97.19E	Wood Avenue (CR 617) over Conrail	154	003		03/15/2021
177	MP 97.20	Wood Avenue (CR 617) over Turnpike NSO/NSI/SNI/SNO	284	004		03/16/2021
178	MP 97.54NI	Turnpike SNI over Pyles Creek	41	001		04/23/2021
179	MP 97.54NO	Turnpike SNO over Pyles Creek	41	001		04/23/2021
180	MP 97.54SI	Turnpike NSI over Pyles Creek	41	001		04/23/2021
181	MP 97.54SO	Turnpike NSO over Pyles Creek	41	001		04/23/2021
182	MP 98.48	Turnpike NSI/SNI over Morses Creek	184	003		04/23/2021
183	MP 98.48NO	Turnpike SNO over Morses Creek	184	002	Y	04/23/2021

No.	Bridge No.	Bridge Description	Length (ft.)	Span	FCM	Inspection Date
184	MP 98.48SO	Turnpike NSO over Morses Creek	249	002	Y	04/23/2021
185	MP 98.59	Turnpike NSI/SNI over Bayway Salt Water Lines	40	001		06/15/2021
186	MP 98.59SO	Turnpike NSO over Bayway Salt Water Lines	57	001		06/04/2021
187	MP 98.62AN	Turnpike Int. 13 Ramp SOT over Morses Creek	486	005		04/09/2021
188	MP 98.76	Turnpike NSI/SNI and Int. 13 Ramp SIT over Railroad Avenue, Utilities, and Railroads	1017	014	Y	04/06/2021
189	MP 98.76NO	Turnpike SNO and Int. 13 SOT over Railroad Avenue Viaduct	2454	033	Y	04/09/2021
190	MP 98.76SO	Turnpike NSO over Railroad Avenue Viaduct	980	013	Y	04/07/2021

Group 2 COURTESY Bridges				
No.	Bridge No.	Bridge Description	Inspection Date	Owner
1	MP 68.32	NJ Route 133 EB over Turnpike NSO/NSI/SNI/SNO	10/07/2021	STATE
2	MP 68.33	NJ Route 133 WB over Turnpike NSO/NSI/SNI/SNO	10/07/2021	STATE
3	MP 88.45	I-287 SB over Turnpike NSO/NSI/SNI/SNO and Int. 10 Ramps NOT/NIT	10/07/2021	STATE
4	MP 88.51	I-287 NB over Turnpike NSO/NSI/SNI/SNO and Int. 10 Ramps NOT/NIT	10/07/2021	STATE

**Subsection A8
 Bridge Listing
 Group 4 - OPS T3908**

No.	Bridge No.	Bridge Description	Length (ft.)	Span	FCM	Inspection Date
1	MP 99.05AN	Turnpike Int. 13 Ramp SOT over Turnpike SNO, Bayway Utilities, and Conrail	1379	018	Y	04/09/2021
2	MP 99.09	Turnpike NSI/SNI over Bayway Pipes and Linden Sewer	30	002		05/28/2021
3	MP 99.09NO	Turnpike SNO over Bayway Pipes and Linden Sewer	30	003		05/28/2021
4	MP 99.09SO	Turnpike NSO over Bayway Pipes and Linden Sewer	30	003		05/28/2021
5	MP 99.10	Turnpike Int. 13 Ramp SIT over Bayway Utilities and Conrail	1473	019	Y	05/06/2021
6	MP 99.10A	Turnpike Int. 13 Ramp ST over Turnpike NSO/NSI/SNI/SNO and Linden Sewer	883	009	Y	04/09/2021
7	MP 99.13	Turnpike Int. 13 Ramp TS over Infield	228	003		04/15/2021
8	MP 99.13AS	Turnpike Int. 13 Ramp TSI over Turnpike NSO Roadway and Linden Sewer	885	012	Y	05/09/2021
9	MP 99.13B	Turnpike Int. 13 Ramp TSO over Linden Sewer	425	006		04/02/2021
10	MP 99.35A	Turnpike Int. 13 Ramp TN over Turnpike NSO/NSI/SNI/SNO and Int. 13 Ramp ST	716	011	Y	07/23/2021
11	MP 99.35B	Turnpike Int 13 Ramp TW over Turnpike Int. 13 Ramps TE/AC/ET/CA	342	006		07/30/2021
12	MP 99.35D	Turnpike Int. 13 Ramps AT/ET over Turnpike Int. 13 Ramp AC	227	005		07/15/2021
13	MP 99.51	Bayway Avenue over Turnpike NSO/NSI/SNI/SNO, Int. 13 Ramps NT/TN, and Conrail	680	011		05/07/2021
14	MP 99.67	Turnpike Int. 13 Ramp NT over Elizabeth River Infields and Turnpike NSO Roadway	227	003	Y	08/19/2021
15	MP 99.67ASI	Turnpike Int. 13 Ramp NIT over Turnpike NSO and Elizabeth River	747	010	Y	07/08/2021
16	MP 99.67ASO	Turnpike Int. 13 Ramp NOT over Elizabeth River	760	009	Y	08/19/2021
17	MP 99.70	Turnpike Int. 13 Ramp TN over Elizabeth River Infield and Turnpike SNO Roadway	537	007	Y	07/30/2021
18	MP 99.70ANI	Turnpike Int. 13 Ramp TNI over Turnpike SNO and Elizabeth River	577	008	Y	07/30/2021
19	MP 99.70ANO	Turnpike Int. 13 Ramp TNO over Elizabeth River	642	009	Y	08/08/2021
20	MP 99.75	Turnpike NSI/SNI over Elizabeth River	316	004		05/14/2021
21	MP 99.75NO	Turnpike SNO over Elizabeth River	223	003		04/25/2021
22	MP 99.75SO	Turnpike NSO over Elizabeth River	305	004		04/15/2021
23	MP 100.05	Turnpike NSI/SNI over Third Avenue	144	003		03/11/2021
24	MP 100.05NO	Turnpike SNO over Third Avenue	158	003		03/10/2021
25	MP 100.05SO	Turnpike NSO over Third Avenue	142	003		03/11/2021
26	MP 100.15	Turnpike NSI/SNI over Second Avenue	129	003		04/02/2021
27	MP 100.15NO	Turnpike SNO over Second Avenue	132	003		04/02/2021
28	MP 100.15SO	Turnpike NSO over Second Avenue	131	003		04/02/2021
29	MP 100.29	Turnpike NSI/SNI over First Avenue	147	003		04/02/2021
30	MP 100.29NO	Turnpike SNO over First Avenue	151	003	Y	04/02/2021
31	MP 100.29SO	Turnpike NSO over First Avenue	152	003		04/02/2021
32	MP 100.35	Turnpike NSI/SNI over Elizabeth Avenue	166	003		04/02/2021
33	MP 100.35NO	Turnpike SNO over Elizabeth Avenue	161	003	Y	04/02/2021
34	MP 100.35SO	Turnpike NSO over Elizabeth Avenue	162	003		04/02/2021
35	MP 100.40	Turnpike NSI/SNI over Marshall Street	137	003		04/15/2021

No.	Bridge No.	Bridge Description	Length (ft.)	Span	FCM	Inspection Date
36	MP 100.40NO	Turnpike SNO over Marshall Street	142	001		04/15/2021
37	MP 100.40SO	Turnpike NSO over Marshall Street	141	003		04/15/2021
38	MP 100.45	Turnpike NSI/SNI over Franklin Street	138	003		04/06/2021
39	MP 100.45NO	Turnpike SNO over Franklin Street	137	001		04/14/2021
40	MP 100.45SO	Turnpike NSO over Franklin Street	135	003		04/02/2021
41	MP 100.50	Turnpike NSI/SNI over Fulton Street	135	003		04/09/2021
42	MP 100.50NO	Turnpike SNO over Fulton Street	132	001		04/09/2021
43	MP 100.50SO	Turnpike NSO over Fulton Street	131	003		04/09/2021
44	MP 100.55	Turnpike NSI/SNI over East Jersey Street	128	003		04/09/2021
45	MP 100.55NO	Turnpike SNO over East Jersey Street	128	001		04/09/2021
46	MP 100.55SO	Turnpike NSO over East Jersey Street	128	003		04/07/2021
47	MP 100.60	Turnpike NSI/SNI over Livingston Street	128	003		04/09/2021
48	MP 100.60NO	Turnpike SNO over Livingston Street	124	001		04/09/2021
49	MP 100.60SO	Turnpike NSO over Livingston Street	124	003		04/09/2021
50	MP 100.65	Turnpike NSI/SNI over Former Broadway	102	003		04/02/2021
51	MP 100.65NO	Turnpike SNO over Former Broadway	105	001		04/02/2021
52	MP 100.65SO	Turnpike NSO over Former Broadway	105	003		04/09/2021
53	MP 100.76	Turnpike NSI/SNI over Court Street	117	003		04/09/2021
54	MP 100.76NO	Turnpike SNO over Court Street	125	003		04/09/2021
55	MP 100.76SO	Turnpike NSO over Court Street	123	003		04/09/2021
56	MP 100.81	Turnpike NSI/SNI over Former Magnolia Avenue	135	003		04/08/2021
57	MP 100.81NO	Turnpike SNO over Former Magnolia Avenue	131	003		04/08/2021
58	MP 100.81SO	Turnpike NSO over Former Magnolia Avenue	130	003		04/08/2021
59	MP 100.86	Turnpike NSI/SNI over Former Bond Street	147	003		04/09/2021
60	MP 100.86NO	Turnpike SNO over Former Bond Street	143	003		04/09/2021
61	MP 100.86SO	Turnpike NSO over Former Bond Street	143	003		04/09/2021
62	MP 100.91	Turnpike NSI/SNI over Former Pine Street	166	003		04/06/2021
63	MP 100.91NO	Turnpike SNO over Former Pine Street	167	003		04/06/2021
64	MP 100.91SO	Turnpike NSO over Former Pine Street	168	003		04/06/2021
65	MP 101.03	Turnpike NSI/SNI over Trumbull Street, Former Port Ave, Former New Point Rd, and Conrail	805	008		04/08/2021
66	MP 101.03NO	Turnpike SNO over Trumbull Street, Former Port Ave, Former New Point Rd, and Conrail	820	008		04/08/2021
67	MP 101.03SO	Turnpike NSO over Trumbull Street, Former Port Ave, Former New Point Rd, and Conrail	825	008	Y	04/08/2021
68	MP 101.21	Turnpike NSI/SNI over Dowd Avenue and Turnpike UTU (MP 101)	189	003		04/09/2021
69	MP 101.21NO	Turnpike SNO over Dowd Avenue and Turnpike UTU (MP 101)	189	003		04/09/2021
70	MP 101.21SO	Turnpike NSO over Dowd Avenue and Turnpike UTU (MP 101)	189	003		04/09/2021
71	MP 101.47ANR	Turnpike Int. 13A Ramp SIT over Turnpike SNO and Int. 13A Ramp SOT	710	009	Y	05/28/2021
72	MP 101.53ASR	Turnpike Int. 13A Ramp TSI over Turnpike NSO	299	003	Y	06/04/2021
73	MP 101.53B	Turnpike Int. 13A Ramp TSO over Maintenance Road District 6	37	001		06/10/2021

No.	Bridge No.	Bridge Description	Length (ft.)	Span	FCM	Inspection Date
74	MP 101.54A	Turnpike Int. 13A Ramp TN over Turnpike NSO/NSI/SNI/SNO	583	005	Y	06/11/2021
75	MP 101.65A	Turnpike Int. 13A Ramps SIT/SOT over Turnpike NSO/ NSI/SNI/SNO and Int. 13A Ramp TN	779	007	Y	06/11/2021
76	MP 101.65B	North Avenue East (EB) over Turnpike Int. 13A Ramps TWL/TWX/WXT (NJ Route 81)	355	004	Y	07/09/2021
77	MP 101.68ASR	Turnpike Int. 13A Ramp NIT over Turnpike NSO	238	003	Y	06/11/2021
78	MP 101.68B	Turnpike Int. 13A Ramp ET over Turnpike Int. 13A Ramp NASE and Access Road	100	001		07/09/2021
79	MP 101.68C	Turnpike Int. 13A Ramp ET over North Avenue East (EB) and Turnpike Int. 13A Ramps TE/TJ	369	003	Y	07/09/2021
80	MP 101.68D	Turnpike Int. 13A Ramps ET/JT over Turnpike Int. 13A Ramps WLT/TWL, NJ Route 81 (Int. 13A Ramps TWX/WXT), and North Avenue East (EB)	392	004		08/06/2021
81	MP 101.77	Jersey Gardens Boulevard over Turnpike NSO/NSI/SNI/SNO, Int. 13A Ramps NOT/NIT/TN, and Turnpike Maintenance District 6 Access Rd	533	004		07/09/2021
82	MP 102.10ANR	Turnpike Int. 13A Ramp TNI over Turnpike SNO	674	008	Y	07/30/2021
83	MP 103.41AR	Turnpike UTO (at MP 103) over Turnpike NSO/NSI/SNI/SNO	1277	017	Y	06/04/2021
84	MP 103.53	Turnpike NSI/SNI over Bound Creek	123	008		04/30/2021
85	MP 103.53NO	Turnpike SNO over Bound Creek	123	008		04/30/2021
86	MP 103.53SO	Turnpike NSO over Bound Creek	123	008		04/30/2021
87	MP 104.12AS	Turnpike Int. 14 Ramp TSI over Turnpike NSO	1061	012	Y	07/02/2021
88	MP 104.56AN	Turnpike Int. 14 Ramps SIT/SH over Turnpike SNO	719	008	Y	07/02/2021
89	MP 104.72	Port Street over Turnpike NSO/NSI/SNI/SNO, Int. 14 Ramps TS/HS/SIT/SOT/SE, Conrail, Corbin Street and Maintenance Access Rd	866	013		08/12/2021
90	MP 104.74A	Turnpike Int. 14 Ramp TN-14 over Turnpike NSO/NSI/SNI/SNO, Int. 14 Ramp HS and Maintenance Road District 7	641	009		07/02/2021
91	MP 104.74B	Turnpike Int. 14 Ramps EXT/ALT over I-78 Local (Turnpike Int. 14 Ramp WLT)	99	001		08/13/2021
92	MP 104.82B	Turnpike Int. 14 Ramp NH/NT over Maintenance Road District 7	27	001		07/02/2021
93	MP 105.56NO	Turnpike SNO over Delancy Street	195	003		03/04/2021
94	MP 105.56NT	Turnpike Ramp NT-14 over Delancy Street	195	003		03/05/2021
95	MP 105.56SO	Turnpike NSO over Delancy Street	195	003		03/05/2021
96	MP 105.56TN	Turnpike Ramp TN-14 over Delancy Street	194	003		03/05/2021
97	MP 105.79NO	Turnpike Ramps SNI-W/SNO-W/SNO-E over Wilson Avenue	168	003		02/26/2021
98	MP 105.79NT	Turnpike Ramp NT-14 over Wilson Avenue	160	003		02/26/2021
99	MP 105.79SO	Turnpike NSO over Wilson Avenue	161	003		02/26/2021
100	MP 105.79TN	Turnpike Ramp TN-14 over Wilson Avenue	171	003		02/26/2021
101	MP 117.16NO	Turnpike SN95 over Overpeck Creek	337	003		04/16/2021
102	MP 117.16SO	Turnpike NS80 over Overpeck Creek	337	003		04/16/2021
103	MP 117.20	Turnpike NS95/SN80 over Bergen Turnpike Utilities	36	002		03/05/2021
104	MP 117.20NO	Turnpike SN95 over Bergen Turnpike Utilities	101	004		03/05/2021
105	MP 117.20SO	Turnpike NS80 over Bergen Turnpike Utilities	57	002		03/05/2021
106	MP 117.27	Bergen Turnpike (CR 124) over Turnpike NS80/NS95/SN80/SN95	330	004		04/02/2021
107	MP 117.63C	Turnpike Int. 68S Ramp WT over NJDOT Ramp L	111	001		04/15/2021
108	MP 117.67NI	Turnpike SN80 over US 46 and Turnpike Ramp ET and NJDOT Ramp L	238	002		04/22/2021

No.	Bridge No.	Bridge Description	Length (ft.)	Span	FCM	Inspection Date
109	MP 117.67NO	Turnpike SN95 over US 46 and Turnpike Ramps E and ET and NJDOT Ramp L	320	003		04/22/2021
110	MP 117.67SI	Turnpike NS95 over US 46 and Turnpike Ramp ET and NJDOT Ramp L	238	002		04/22/2021
111	MP 117.67SO	Turnpike NS80 over US 46 and Turnpike Ramps ET and N and NJDOT Ramp L	255	002		04/22/2021
112	MP E106.89A	Turnpike Int. 15E Ramp TNW over Turnpike NSE/SNE	348	004		04/16/2021
113	MP E116.80NO	Turnpike SNE-95 over Bergen County Trunk Sewer	146	003		04/09/2021
114	MP W105.93NO	Turnpike Ramps SNI-W/SNO-W over Conrail "Hamburg Branch" (Abandoned)	190	003		03/05/2021
115	MP W106.57	Turnpike NSW/SNW over Conrail "Newark Branch"	417	006		04/09/2021
116	MP W106.68	Turnpike NSW/SNW over Foundry Street	210	003		04/15/2021
117	MP W106.87A	Turnpike Int. 15E Ramps NT/TSW over Turnpike NSW/SNW/NSE/SNE and Int. 15E Ramp TSW	378	004		04/16/2021
118	MP W106.98A	Turnpike Int. 15E Ramp NET over Turnpike NSW/SNW and Int. 15E. Ramp TNW	406	005		04/16/2021
119	MP W108.79A	Turnpike NSW /SNW and Int. 15W Ramp TNW over Turnpike Int. 15W Ramps TNW/SWT/NET	157	003		04/09/2021
120	MP W108.91	Turnpike NSW/SNW over Conrail "Newark-Hudson Branch" (Abandoned)	181	003		04/23/2021
121	MP W109.16	Turnpike NSW /SNW over NJ Route 7 (Belleville Turnpike) and Turnpike UTU (at MP 109)	256	003		03/19/2021
122	MP W109.34	Turnpike NSW /SNW over NJ Transit "Greenwood Lake Branch" (Abandoned)	148	003		04/23/2021
123	MP W110.42	Turnpike NSW /SNW over Sawmill Creek	112	003		04/30/2021
124	MP W111.06	Turnpike NSW /SNW over Kingsland Creek and NJ Transit "Boonton Branch"	271	003		04/09/2021
125	MP W111.19	Turnpike NSW /SNW over Jersey City Water Mains	240	003		04/22/2021
126	MP W111.48	Turnpike NSW /SNW over Berry's Creek Canal	136	004		04/09/2021
127	MP W111.96	Turnpike NSW /SNW over NJ Transit "Mainline Paterson Branch" and Turnpike UTU (at MP 112)	240	003		04/16/2021
128	MP W112.67	Turnpike NSW /SNW and Int. 16W Ramp TSW over Berry's Creek Canal and Turnpike Int. 16W Ramps TNW/SWT	908	009		04/09/2021
129	MP W112.67E	Turnpike Int. 16W Ramp TNW over Turnpike Int 16W Ramps TNW/SWT, Infield, and NJTA Maintenance Yard	702	011		04/02/2021
130	MP W112.67W	Turnpike Int. 16W Ramp TSW over Berry's Creek Infield	109	002		04/28/2021
131	MP W112.72B	Turnpike Int. 16W Ramp SWT over Berry's Creek Canal	462	003		04/02/2021
132	MP W112.72C	Turnpike Int. 16W Ramps TC/ET/CT/WT over Sheraton Plaza Drive	97	001		03/26/2021
133	MP W112.72D	Turnpike Int. 16W Ramps TC/ET/CT over NJ Route 3	197	003		03/26/2021
134	MP W112.72K	Turnpike Int. 16W Ramp TW over Sheraton Plaza Drive	109	001		03/26/2021
135	MP W112.72L	Turnpike Int. 16W Ramp TW over NJ Route 3	137	001		03/26/2021
136	MP W112.72M	Turnpike Int. 16W Ramp TW over Turnpike Int. 16W Ramps CT/TC	450	003		03/26/2021
137	MP W112.85	Turnpike NSW /SNW over NJ Route 3 EB	204	003		03/26/2021
138	MP W112.97	Turnpike NSW /SNW over NJ Route 3 WB and Turnpike UTU (at MP 113)	210	003		03/26/2021
139	MP W113.64	Turnpike NSW /SNW over Paterson Plank Road Utilities	53	002		04/02/2021
140	MP W113.65	Turnpike Interchange 19W Ramp CW over Paterson Plank Road Utilities	58	002		03/26/2021
141	MP W113.65A	Turnpike Interchange 19W Ramps WCM/MCW over Paterson Plank Road Utilities	51	001		03/05/2021
142	MP W113.66	Turnpike Interchange 19W Ramp WCL over Paterson Plank Road Utilities	86	002		04/16/2021

No.	Bridge No.	Bridge Description	Length (ft.)	Span	FCM	Inspection Date
143	MP W113.68	Paterson Plank Road over Turnpike NSW/SNW	311	004		04/02/2021
144	MP W113.69	Paterson Plank Road over Turnpike Ramps NWC/CW	600	007		03/05/2021
145	MP W114.05	Turnpike Ramp CNW over Turnpike NSW/SNW	864	010		03/26/2021
146	MP W114.39	Turnpike NSW/SNW and Ramps CNW/NWC over Moonachie Creek	20	001		04/15/2021
147	MP W116.36SO	Turnpike NS80W over Bergen County Trunk Sewer	234	003		04/02/2021
148	MP 117.83	Emerson Street over Turnpike NS80/NS95/SN80/SN95, Int. 68S Ramps NE and EN, and NJDOT Ramp	458	005		04/29/2021
149	MP 118.90	Turnpike NS95 over Turnpike Int. 69 Ramp WNL	133	003		04/28/2021
150	MP 118.93	Turnpike SN80 over Turnpike NS95 and Int. 69 Ramps WNL, NXW, and WNX	700	008	Y	04/28/2021
151	MP 118.99	Turnpike SN95L and SN95X over Turnpike Int. 69 Ramp WNL	186	003		04/28/2021
152	MP 119.07	Turnpike NS95 and Int. 69 Ramp ES over Turnpike Int. 69 Ramps NXW and WNX	225	003		04/28/2021
153	MP 119.28	Turnpike Int. 69 Ramp ES over Turnpike Int. 69 Ramp NLW	156	001		04/30/2021
154	MP 119.32	Turnpike NS95L/NS80L/NS95X/NS80X/SN95X/SN95L & Int. 70 Ramp CD over Teaneck Creek	55	001		04/30/2021
155	MP 119.49	Degraw Avenue (CR 56) over Turnpike NS95L, NS95X, SN95X, SN95L and Int. 70 Ramps CD and ES	400	006		04/30/2021
156	MP 120.09	Turnpike SN95X/SN95L over Overpeck Creek	130	002		04/30/2021
157	MP 120.10	Turnpike NS95L/NS95X over Overpeck Creek	130	002		04/30/2021
158	MP 120.60	NJ Route 93 (Grand Avenue) over Flat Rock Creek	31	002		04/30/2021
159	MP 120.90	Turnpike NS95L/NS95X/SN95X/SN95L over Broad Avenue	75	001		04/30/2021
160	MP 121.25	Edgewood Road over Turnpike NS95L/NS95X/SN95X/SN95L	224	001		04/14/2021

Group 4 COURTESY Bridges				
No.	Bridge No.	Bridge Description	Inspection Date	Owner
1	MP 99.13C	Former Staten Island Rapid Transit Railroad (Abandoned)	08/06/2021	STATE
2	MP 99.34	B&O Railroad and Staten Island Rapid Transit (Abandoned)	08/12/2021	STATE
3	MP 99.42	I-278 EB (Goethals Bridge) over Turnpike NSO/NSI/SNI/SNO, Int. 13 Ramps NT/TN	08/06/2021	PANYNJ
4	MP 99.44	I-278 WB (Goethals Bridge) over Turnpike NSO/NSI/SNI/SNO, Int. 13 Ramps NT/TN	08/06/2021	PANYNJ
5	MP 101.93	North Avenue WB (CR 624) over Turnpike NSO/NSI/SNI/SNO and Int. 13A Ramp TN	08/20/2021	PANYNJ
6	MP 101.94	North Avenue EB (CR 624) over Turnpike NSO/NSI/SNI/SNO and Int. 13A Ramp TN	08/20/2021	PANYNJ
7	MP 121.51	NJ 4 EB & Ramp R over I-95 Express & I-95 SB Local	Initial courtesy Insp.	STATE
8	MP 121.55	NJ 4 EB over I-95 NB Local	Initial courtesy Insp.	STATE
9	MP 121.82	NJ 4 WB & Ramp E over I-95 SB Local & Ramps F & G	Initial courtesy Insp.	STATE
10	MP 121.92	NJ 4 Ramp B over I-95 & Ramps	Initial courtesy Insp.	STATE
11	MP 121.96	NJ 4 EB over I-95 Ramp L	Initial courtesy Insp.	STATE
12	MP 122.03	US 9W over I-95, US 1+9 & 46 & NJ 4	Initial courtesy Insp.	STATE

ATTACHMENT B
Standard Supplemental Information

Subsection No. and Title

- B1. Administrative and Agreement Information
- B2. Small Business Enterprise and Disabled Veteran-owned Business Programs
- B3. Equal Employment Opportunity Regulations (N.J.S.A. 10:5-31 et seq. (P.L.1975, c.127) and N.J.A.C. 17:27)
- B4. State Contractor Political Contributions (N.J.S.A. 19:44A-20.25 (P.L. 2005, c.51), superseding Executive Order 134 (2004); N.J.S.A.19:44-20.26 (P.L.2005, c. 271, s.2) and Executive Order 117 (2008))
- B5. Set-Off for State Tax (N.J.S.A. 54:49-19)
- B6. Office of State Comptroller Right to Audit (N.J.A.C. 17:44-2.2)
- B7. Source Disclosure Certification (N.J.S.A. 52:34-13.2, Executive Order 129)
- B8. Disclosure of Investment Activities in Iran (N.J.S.A. 52:32-57(a) and N.J.S.A. 52:32-56(e)(3))
- B9. Certification of Non-involvement in Prohibited Activities in Russia or Belarus (N.J.S.A. 52:32-60.1 et seq. (P.L. 2022, c.3))
- B10. Antidiscrimination Provisions (N.J.S.A. 10:2-1)
- B11. Standards Prohibiting Conflicts of Interest Executive Order 189 (1988 - Kean)
- B12. ADA Indemnification Act
- B13. Diane B. Allen Equal Pay Act
- B14. Business Registration Act

Subsection B1

Administrative and Agreement Information

Professional Corporation

Incorporated Firms that have not filed a copy of a Certificate of Authorization, with the Authority must include a copy of the Certificate with the EOI. Professional service corporations established pursuant to the “Professional Service Corporation Act,” N.J.S.A. 14A:17-1 et seq. (P.L. 1969, c. 232), are exempt from this requirement.

Signatures

Expressions of Interest must be signed by an officer of the Firm authorized to make a binding commitment.

Incurring Costs

The Authority shall not be liable for any costs incurred by any consultant in the preparation of their EOI.

Addendum to EOI Solicitations

If, at any time prior to receiving EOIs, it becomes necessary to revise any part of this EOI solicitation, or if additional information is necessary to enable a Firm to make an adequate interpretation of the provisions of this EOI solicitation, an addendum to the EOI solicitation will be made available on the Authority’s website as described herein.

Acceptance and Rejection of EOIs and Proposals

The Authority may award an OPS for these services to a Firm that the Authority determines best satisfies the needs of the Authority. The solicitation for an EOI or Technical Proposal does not, in any manner or form, commit the Authority to award any OPS. The contents of the EOIs may become a contractual obligation, if, in fact, the EOI or Technical Proposal is accepted and an OPS is entered into with the Authority. Failure of a Firm to adhere to and/or honor any or all of obligations of its EOI or Technical Proposal may result in cancellation of any OPS awarded by the Authority. The Authority shall not be obligated at any time to award an OPS to any consultant. The Authority reserves the right to reject any and all proposals or to negotiate with any proposer in accordance with applicable law.

Dissemination of Information

Information included in this document or in any way associated with this project is intended for use only by the Firm and the Authority and is to remain the property of the Authority. Under no circumstances shall any of said information be published, copied or used by the Firm, except in replying to this EOI solicitation.

News Releases

No news releases pertaining to this RFEOI or the Project to which it relates shall be made without Authority approval and then only in coordination with the issuing office and the Authority’s Media Relations Coordinator.

Public Records

Any EOI, Technical Proposal or Fee Proposal submitted by a Firm constitutes a public document that will be made available to the public upon request pursuant to New Jersey’s Open Public Records Act, N.J.S.A. 47:1A-1 et seq. The Firms may request the Authority’s General Counsel to deem certain attachments of its EOI containing personal, financial or proprietary information non-disclosable, which determination shall be in accordance with such Act.

Subsection B2
Small Business Enterprise and Disabled Veteran-owned Business Program

Small Business Enterprise Program

It is the policy of the New Jersey Turnpike Authority (the “Authority”) that Small Business Enterprises (“SBE”) as determined and defined by the Division of Revenue & Enterprise Services (“Division”) and the Department of the Treasury (“Treasury”) in N.J.A.C. 17:13-1.1. have the opportunity to compete for and participate in the performance of consultant services. The Authority is seeking participation of these SBEs in the performance of certain Orders for Professional Services (OPS). The Firm’s Expression of Interest (EOI) must include either (1) evidence of the use of subconsultants who are registered with the Division as an SBE, or (2) demonstration of a good faith effort, to meet the goal of awarding at least twenty-five (25%) percent of the total value of the OPS to subconsultants who are registered with the Division as an SBE. During the RFP portion of this procurement, as part of the fee negotiation process, Firms must submit proof of their subconsultants’ SBE registration(s). In the event that a Firm cannot comply with the goal set forth above, prior to the time of the award, the Firm must demonstrate to the Authority’s satisfaction that a good faith effort was made to accomplish the above stated goal.

After award of the OPS, in order for the Authority to monitor and report SBE participation during the course of the OPS pursuant to N.J.A.C. 17:13-5.2, the Consultant shall submit evidence of SBE participation in a form acceptable to the Authority, with each invoice for payment. Invoices for payment submitted without the completed SBE Form will not be processed.

If the Consultant, for any reason, at any time during the course of the OPS, intends to make any additions, deletions or substitutions to the list of Firms on the SBE form submitted to the Authority, the Consultant shall submit such proposed changes for approval. Any such proposed changes must comply with the requirements and procedures set forth herein.

Evidence of a “good faith effort” includes, but is not limited to:

1. Consultant shall request a listing of small businesses from the Division and the Authority and attempt to contact same.
2. Consultant shall keep specific records of its efforts, including the names of businesses contacted and the means and results of such contacts, receipts from certified mail and telephone records.
3. Consultant shall provide proof of solicitations of SBEs for their services, including advertisements in general circulation media, professional service publications and minority and women focus media.
4. Consultant shall provide evidence of efforts made to identify work categories capable of being performed by SBEs.
5. Consultant shall provide all potential subconsultants with detailed information regarding the project description.
6. Consultant shall attempt, wherever possible, to negotiate lower prices with potential SBE subconsultants that submitted higher than acceptable fee estimates; and
7. Consultant shall provide evidence of efforts made to use the services of available community organizations, consultant groups, and local, state, and federal agencies that provide assistance in the recruitment and placement of SBEs.

Consultant shall maintain adequate records to document their efforts and will provide same to the Authority upon request.

Disabled Veteran Owned Business Enterprise Program

It is the policy of the New Jersey Turnpike Authority (“Authority”) that Disabled Veteran Owned Business Enterprises (DVOBs) as determined and defined by the Division of Revenue & Enterprise Services (“Division”) and the Department of Treasury (“Treasury”) in N.J.A.C. 17:141 have the opportunity to compete for and participate in the performance of consultant services. The Authority is seeking participation of these DVOBs in the performance of certain Orders for Professional Services (OPS). Your Expression of Interest (EOI) must include either (1) evidence of the use of subconsultants who are registered with the Division as a DVOB, or (2) demonstration of a good faith effort to meet the goal of awarding at least three(3) percent of the total value of the OPS to subconsultants who are registered with the Division as a DVOB. During the RFP portion of this procurement, as part of the fee negotiation process, Firms must submit proof of their subconsultants DVOB registrations. In the event that a Firm cannot comply with the goal set forth above, prior to the time of award, the Firm must demonstrate to the Authority’s satisfaction that a good faith effort was made to accomplish the above stated goal.

After award of the OPS, in order for the Authority to monitor and report DVOB participation during the course of the OPS pursuant to N.J.A.C 17:14-4-1 et seq., the Consultant shall submit evidence of DVOB participation in a form acceptable to the Authority, with each invoice for payment. Invoices for payment submitted without the completed DVOB Form will not be processed.

If the Consultant, for any reason, at any time during the course of the OPS, intends to make any additions, deletions or substitutions to the list of Firms on the DVOB Form submitted to the Authority, the Consultant shall submit such proposed changes for approval. Any such proposed changes must comply with the requirements and procedures set forth herein.

Evidence of a “good faith effort” includes, but is not limited to:

1. The Consultant shall attempt to locate qualified potential DVOBs.
2. The Consultant shall consult the DVOB Database if no DVOBs are known to consultant.
3. The Consultant shall keep all documentation of its efforts, including the names of businesses contacted and the means and results of such contacts; and
4. The Consultant shall provide all potential subcontractors with detailed information regarding the specifications.

Consultant shall maintain adequate records to document its efforts and will provide same with their Expression of Interest.

Subsection B3
Mandatory Equal Employment Opportunity Language
N.J.S.A. 10:5-31 et seq. (P.L.1975, c.127)
N.J.A.C. 17:27 et seq.
Goods, General Services, and Professional Services Contracts

The contractor or subcontractor, where applicable, will not discriminate against any employee or applicant for employment because of age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, gender identity or expression, disability, nationality or sex. Except with respect to affectional or sexual orientation and gender identity or ex-pression, the contractor will ensure that equal employment opportunity is afforded to such applicants in recruitment and employment, and that employees are treated during employment, without regard to their age, race, creed, color, national origin, ancestry, marital status, affection-al or sexual orientation, gender identity or expression, disability, nationality or sex. Such equal employment opportunity shall include, but not be limited to the following: employment, up-grading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The contractor agrees

to post in conspicuous places, available to employees and applicants for employment, notices to be provided by the Public Agency Compliance Officer setting forth provisions of this nondiscrimination clause.

The contractor or subcontractor, where applicable will, in all solicitations or advertisements for employees placed by or on behalf of the contractor, state that all qualified applicants will receive consideration for employment without regard to age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, gender identity or expression, disability, nationality or sex.

The contractor or subcontractor will send to each labor union, with which it has a collective bargaining agreement, a notice, to be provided by the agency contracting officer, advising the labor union of the contractor's commitments under this chapter and shall post copies of the notice in conspicuous places available to employees and applicants for employment.

The contractor or subcontractor, where applicable, agrees to comply with any regulations promulgated by the Treasurer pursuant to N.J.S.A. 10:5-31 et seq., as amended and supplemented from time to time and the Americans with Disabilities Act.

The contractor or subcontractor agrees to make good faith efforts to meet targeted county employment goals established in accordance with N.J.A.C. 17:27-5.2.

The contractor or subcontractor agrees to inform in writing its appropriate recruitment agencies including, but not limited to, employment agencies, placement bureaus, colleges, universities, and labor unions, that it does not discriminate on the basis of age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, gender identity or expression, disability, nationality or sex, and that it will discontinue the use of any recruitment agency which engages in direct or indirect discriminatory practices.

The contractor or subcontractor agrees to revise any of its testing procedures, if necessary, to assure that all personnel testing conforms with the principles of job related testing, as established by the statutes and court decisions of the State of New Jersey and as established by applicable Federal law and applicable Federal court decisions.

In conforming with the targeted employment goals, the contractor or subcontractor agrees to review all procedures relating to transfer, upgrading, downgrading and layoff to ensure that all such actions are taken without regard to age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, gender identity or expression, disability, nationality or sex, consistent with the statutes and court decisions of the State of New Jersey, and applicable Federal law and applicable Federal court decisions.

The contractor shall submit to the public agency, after notification of award but prior to execution of a goods and services contract, one of the following three documents:

Letter of Federal Affirmative Action Plan Approval:

Certificate of Employee Information Report; or

Employee Information Report Form AA-302 (electronically provided by the Division and distributed to the public agency through the Division's website at: http://www.state.nj.us/treasury/contract_compliance).

The contractor and its subcontractors shall furnish such reports or other documents to the Division of Purchase & Property, CCAU, EEO Monitoring Program as may be request-ed by the office from time to time in order to carry out the purposes of these regulations, and public agencies shall furnish such information as may be requested by the Division of Purchase & Property, CCAU, EEO Monitoring Program for conducting a compliance investigation pursuant to N.J.A.C. 17:27-1.1 et seq.

Subsection B4
State Contractor Political Contributions Compliance
N.J.S.A. 19:44A-20.25 (P.L. 2005, c.51) superseding Executive Order 134 (2004)
and Executive Order 117 (2008)

In order to safeguard the integrity of State government procurement by imposing restrictions to insulate the award of State contracts from political contributions that pose the risk of improper influence, purchase of access, or the appearance thereof, Executive Order 134 was signed on September 22, 2004 (“Executive Order 134”). The Order is applicable to all State agencies, the principal departments of the executive branch, any division, board, bureau, office, commission within or created by a principal executive branch department, and any independent State authority, board, commission, instrumentality or agency. Executive Order 134 was superseded by N.J.S.A. 19:44A-20.25 (P.L. 2005, c.51), signed into law on March 22, 2005. In September 2008, Executive Order 117 was signed and became effective November 15, 2008. It applies to the same government contracting entities subject to Executive Order 134 but extends the political contribution restrictions by expanding the definition of “business entity” to include, for example, more corporate shareholders and sole proprietors. Executive Orders 134 and 117, and N.J.S.A. 19:44A-20.25 (P.L. 2005, c.51), contain restrictions and reporting requirements that will necessitate a thorough review of the provisions. Pursuant to the requirements of N.J.S.A. 19:44A-20.25 (P.L. 2005, c.51), the terms and conditions set forth in this attachment are material terms of any OPS resulting from this RFEI or RFP:

Definitions

For the purpose of this Attachment, the following shall be defined as follows:

- a) Contribution – means a contribution reportable as a recipient under “The New Jersey Campaign Contributions and Expenditures Reporting Act.”, N.J.S.A. 19:44A-3 et seq. (P.L. 1973, c.83), and implementing regulations set forth at N.J.A.C. 19:25-7 and N.J.A.C. 19:25-10.1 et seq. Through December 31, 2004, contributions in excess of \$400 during a reporting period were deemed "reportable" under these laws. As of January 1, 2005, that threshold was reduced to contributions in excess of \$300.
- b) Business Entity – means any natural or legal person; business corporation (and any officer, person, or business entity that owns or controls 10% or more of the corporation’s stock); professional services corporation (and any of its officers or shareholders); limited liability company (and its members); general partnership (and its partners); limited partnership (and its partners); in the case of a sole proprietorship: the proprietor; a business trust, association or any other legal commercial entity organized under the laws of New Jersey or any other state or foreign jurisdiction, including its principals, officers, or partners. The definition of a business entity also includes (i) all principals who own or control more than 10 percent of the profits or assets of a business entity ; (ii) any subsidiaries directly or indirectly controlled by the business entity; (iii) any political organization organized under attachment 527 of the Internal Revenue Code that is directly or indirectly controlled by the business entity, other than a candidate committee, election fund, or political party committee; and (iv) if a business entity is a natural person, that person’s spouse or child, residing in the same household.

Breach of Terms of the Legislation

It shall be a breach of the terms of the OPS for the Business Entity to (i) make or solicit a contribution in violation of the Legislation, (ii) knowingly conceal or misrepresent a contribution given or received; (iii) make or solicit contributions through intermediaries for the purpose of concealing or misrepresenting the source of the contribution; (iv) make or solicit any contribution on the condition or with the agreement that it will be contributed to a campaign committee or any candidate or holder of the public office of Governor, or to any State or county party committee; (v) engage or employ a lobbyist or consultant with the intent or understanding that such lobbyist or consultant would make or solicit any contribution, which if made or solicited by the business entity itself, would subject that entity to the restrictions of the Legislation; (vi) fund contributions made by third parties, including consultants, attorneys, family members, and employees; (vii) engage in any exchange of contributions to circumvent the intent of the Legislation; or (viii) directly or

indirectly through or by any other person or means, do any act which would subject that entity to the restrictions of the Legislation.

Certification and Disclosure Requirement

- a) The Authority shall not enter into a contract to procure from any Business Entity services or any material, supplies or equipment, or to acquire, sell or lease any land or building, where the value of the transaction exceeds \$17,500, if that Business Entity has solicited or made any contribution of money, or pledge of contribution, including in-kind contributions to a candidate committee and/or election fund of any candidate for or holder of the public office of Governor, or to any State, county or municipal political party committee, or legislative leadership committee during specified time periods.
- b) Prior to the award of any contract or agreement, the intended Awardee shall submit the Certification and Disclosure form, certifying that no contributions prohibited by the Legislation have been made by the Business Entity and reporting all contributions the Business Entity made during the preceding four years to any political organization organized under 26 U.S.C.527 of the Internal Revenue Code that also meets the definition of a “continuing political committee” within the means of N.J.S.A. 19:44A-3(n) and N.J.A.C. 19:25-1.7. Failure to submit the required forms will preclude award of a contract under this RFEI, as well as future contract opportunities.
- c) Further, the Consultant is required, on a continuing basis, to report any contributions it makes during the term of the contract, and any extension(s) thereof, at the time any such contribution is made.

State Treasurer Review

The State Treasurer or /her designee shall review the Disclosures submitted pursuant to this attachment, as well as any other pertinent information concerning the contributions or reports thereof by the intended awardee, prior to award, or during the term of the contract, by the contractor. If the State Treasurer determines that any contribution or action by the contractor constitutes a breach of contract that poses a conflict of interest in the awarding of the contract under this solicitation, the State Treasurer shall disqualify the Business Entity from award of such contract.

Additional Disclosure Requirement of N.J.S.A. 19:44A-20.27

Consultant is advised of its responsibility to file an annual disclosure statement on political contributions with the New Jersey Election Law Enforcement Commission (ELEC), pursuant to N.J.S.A. 19:44A-20.27, if the Consultant receives contracts in excess of \$50,000 from a public entity in a calendar year. It is the Consultant’s responsibility to determine if filing is necessary. Failure to so file can result in the imposition of financial penalties by ELEC. Additional information about this requirement is available from ELEC at 888-313-3532 or at <https://www.elec.state.nj.us/>.

Additional Disclosure Requirement Disclosure of N.J.S.A. 19:44A-20.13 et seq. (Executive Order No. 117)

Executive Order No. 117 (Corzine 2008) is designed to enhance New Jersey’s efforts to protect the integrity of government contractual decisions and increase the public’s confidence in government. The Executive Order builds on the provisions of **N.J.S.A. 19:44A-20.13 et seq**, which limits contributions to certain political candidates and committees by for-profit business entities that are, or seek to become, State government vendors.

Executive Order No. 117 extends the provisions of Chapter 51 in two ways:

1. The definition of “business entity” is revised and expanded so that contributions by the following individuals also are considered contributions attributable to the business entity:
 - Officers of a corporation, any person or business entity who owns or controls 10% or more of the corporation’s stock, and professional services corporations, including any officer or shareholder, with the

term “officer” being defined in the same manner as in the regulations of the Election Law Enforcement Commission regarding vendor disclosure requirements (N.J.A.C. 19:25-26.1), with the exception of officers of non-profit entities;

- Partners of general partnerships, limited partnerships, and limited liability partnerships and members of limited liability companies (LLCs), with the term “partner” being defined in the same manner as in the regulations of the Election Law Enforcement Commission regarding vendor disclosure requirements (N.J.A.C. 19:25-26.1);
 - In the case of a sole proprietorship: the proprietor; and
 - In the case of any other form or entity organized under the laws of this State or any other state or foreign jurisdiction: the entity and any principal, officer, and partner thereof;
 - Spouses, civil union partners, and resident children of officers, partners, LLC members, persons owning or controlling 10% or more of a corporation’s stock, all shareholders of a professional services corporation, and sole proprietors are included within the new definition, except for contributions by spouses, civil union partners, or resident children to a candidate for whom the contributor is eligible to vote or to a political party committee within whose jurisdiction the contributor resides.
2. Reportable contributions (those over \$300.00 in the aggregate) to legislative leadership committees, municipal political party committees, and candidate committees or election funds for Lieutenant Governor are disqualifying contributions in the same manner as reportable contributions to State and county political party committees and candidate committees or election funds for Governor have been disqualifying contributions under Chapter 51.

Only the intended Awardee will be required to submit the required N.J.S.A. 14:44A-20.25 (P.L. 2005, c.51)/Executive Order 117 and N.J.S.A. 19:44-20.26 (P.L. 2005, c. 271, s.2) form. The **combined** form is available on the Department of Treasury Division of Purchase and Property’s website at: <http://www.state.nj.us/treasury/purchase/forms.shtml>.

Subsection B5 **Set-Off for State Tax**

Pursuant to N.J.S.A. 54:4-19, and notwithstanding any provision of the law to the contrary, whenever any taxpayer, partnership, or S corporation under Contract to provide goods or services or construction projects to the State of New Jersey or its agencies or instrumentalities, including the legislative and judicial branches of State government, is entitled to payment for those goods or services or construction projects and at the same time the taxpayer, or the partner or shareholder of that entity, is indebted for any State tax, the Director of the Division of Taxation shall seek to set-off that taxpayer’s, partner’s or shareholder’s share of the payment due to the taxpayer, partnership, or S corporation. The amount of set-off shall not allow for the deduction of any expenses or other deductions which might be attributable to a partner or shareholder subject to set-off under this act. No payment shall be made to the taxpayer, the provider of goods or services or the contractor or subcontractor of construction projects pending resolution of the indebtedness.

The Director of the Division of Taxation shall give notice to the set-off to the taxpayer, the provider of goods or services, or the contractor or subcontractor of construction projects and provide an opportunity for a hearing with thirty (30) days such notice under the procedures for protests established under R.S. 54:49-18. No requests for conference, protest or subsequent appeal to the Tax Court from any protest under this attachment shall stay the collection of the indebtedness. Interest that may be payable by the State pursuant to N.J.S.A. 52:32-32 et seq. (P.L. 1987, c 184) to the taxpayer, the provider of goods or services, or the contractor or subcontractor of construction projects shall be stayed.

Subsection B6
Right to Audit

Pursuant to N.J.A.C. 17:44-2.2, authority to audit or review contract records:

- a) Relevant records of private vendors or other persons entering into contracts with covered entities are subject to review by the Office of the State Comptroller (OSC) pursuant to N.J.S.A. 52:15C-14(d).
- b) As of November 15, 2010, the Consultant (contract partner) shall maintain all documentation related to products, transactions or services under this contract for a period of five years from the date of final payment. Such records shall be made available to the New Jersey Office of the State Comptroller upon request.

Subsection B7
Source Disclosure Certification

Pursuant to N.J.S.A. 52:34-13.2 (Executive Order 129 (2004)), the Authority must consider the requirements of New Jersey's contracting laws, the best interests of the State of New Jersey and its citizens, as well as applicable federal and international requirements.

The Authority shall insure that all Firms seeking to enter into any contract in which services are procured on its behalf must disclose:

- a) The location by country where the services under contract will be performed.
- b) Any subcontracting of services under the contract and the location by country where the subcontracted services will be performed.

This information must be disclosed on the Vendor Source Disclosure Form – N.J.S.A. 52:34-13.2 (Executive Order 129 (2004)), which is available on the Authority's website and returned with your Firm's Expression of Interest (EOI).

Subsection B8
Disclosure of Investment Activities in Iran

Pursuant to N.J.S.A. 52:32-57, any person or entity that submits a bid or proposal or otherwise proposes to enter into or renew a contract must complete the Authority's "*Disclosure of Investment Activities in Iran*" certification, prior to contract award, to attest, under penalty of perjury, that neither the person or entity, nor any of its parents, subsidiaries, or affiliates (any parent, successor, subunit, direct or indirect subsidiary, or any entity under common ownership or control with, any entity), is identified on the Department of Treasury's Chapter 25 list as a person or entity engaging in investment activities in Iran. The Chapter 25 list is found on the State of New Jersey, Department of Treasury, Division of Purchase and Property website at <http://www.state.nj.us/treasury/purchase/pdf/Chapter25List.pdf>. Proposers must review this list prior to completing the certification. If the Authority finds a person or entity to be in violation of the law, s/he shall take action as may be appropriate and provided by law, rule or contract, including but not limited to, imposing sanctions, seeking compliance, recovering damages, declaring the party in default and seeking debarment or suspension of the party.

Subsection B9
Prohibited Activities in Russia or Belarus

Prior to the time a contract is awarded, pursuant to N.J.S.A. 52:32-60.1 et seq. (P.L. 2022, c.3), the successful Firm must certify that neither the successful Firm, nor one of its parents, subsidiaries, or affiliates may have engaged in prohibited activities in Russia or Belarus.

If the successful Firm is unable to so certify, the Firm shall provide a detailed and precise description of such activities to the Authority. Failure to provide such description will result in the Proposal being rendered as non-responsive, and the Authority will not be permitted to contract with such person or entity, and if a Proposal is accepted or contract is entered into without delivery of the certification, appropriate penalties, fines and/or sanctions will be assessed as provided by law.

If the Firm certifies that the Firm is engaged in activities prohibited by N.J.S.A. 52:32-60.1 et seq. (P.L. 2022, c.3), the Firm shall have 90 days to cease engaging in any prohibited activities and on or before the 90th day after this certification, shall provide an updated certification. If the Firm does not provide the updated certification or at that time cannot certify on behalf of the entity that it is not engaged in prohibited activities, the Authority shall not award the business entity any contracts, renew any contracts, and shall be required to terminate any contract(s) the business entity holds with the Authority that were issued on or after the effective date of N.J.S.A. 52:32-60.1 et seq. (P.L. 2022, c.3),.

The Authority requests that all Firms submit a copy of the form entitled "*Certification of Non-involvement in Prohibited Activities in Russia or Belarus Pursuant to N.J.S.A. 52:32-60.1 et seq. (P.L. 2022, c.3)*", with their Proposal.

Subsection B10
Antidiscrimination Provisions

In accordance with N.J.S.A. 10:2-1 every contract for or on behalf of the State or any county or municipality or other political subdivision of the State, or any agency of or authority created by any of the foregoing, for the construction, alteration or repair of any public building or public work or for the acquisition of materials, equipment, supplies or services shall contain provisions by which the contractor agrees that:

- a. In the hiring of persons for the performance of work under this contract or any subcontract hereunder, or for the procurement, manufacture, assembling or furnishing of any such materials, equipment, supplies or services to be acquired under this contract, no contractor, nor any person acting on behalf of such contractor or subcontractor, shall, by reason of race, creed, color, national origin, ancestry, marital status, gender identity or expression, affectional or sexual orientation or sex, discriminate against any person who is qualified and available to perform the work to which the employment relates;
- b. No contractor, subcontractor, nor any person on his behalf shall, in any manner, discriminate against or intimidate any employee engaged in the performance of work under this contract or any subcontract hereunder, or engaged in the procurement, manufacture, assembling or furnishing of any such materials, equipment, supplies or services to be acquired under such contract, on account of race, creed, color, national origin, ancestry, marital status, gender identity or expression, affectional or sexual orientation or sex;
- c. There may be deducted from the amount payable to the contractor by the contracting public agency, under this contract, a penalty of \$ 50.00 for each person for each calendar day during which such person is discriminated against or intimidated in violation of the provisions of the contract; and
- d. This contract may be canceled or terminated by the contracting public agency, and all money due or to become due hereunder may be forfeited, for any violation of this attachment of the contract occurring after notice to the contractor from the contracting public agency of any prior violation of this attachment of the contract.

Subsection B11
Standards Prohibiting Conflicts of Interest
Executive Order 189 (1988 - Kean)

Pursuant to N.J.S.A.52:34-19 and Executive Order 134 (1976 - Byrne), Executive Order 189 (1988 - Kean) includes the following prohibitions on any vendor which provides or offers or proposes to provide goods or services to or perform any contract for the State of new Jersey or any State agency.

- (a) No vendor shall pay, offer to pay, or agree to pay, either directly or indirectly, any fee, commission, compensation, gift, gratuity, or other thing of value of any kind to any State officer or employee or special State officer or employee, as defined by N.J.S.A. 52:13D-13b. and e., in the Department of the Treasury or any other agency with which such vendor transacts or offers or proposes to transact business, or to any member of the immediate family, as defined by N.J.S.A. 52:13D-13i., of any such officer or employee, or any partnership, Firm, or corporation with which they are employed or associated, or in which such officer or employee has an interest within the meaning of N.J.S.A. 52:13D-13g.
- (b) The solicitation of any fee, commission, compensation, gift, gratuity or other thing of value by any State officer or employee or special State officer or employee from any State vendor shall be reported in writing forthwith by the vendor to the Attorney General and the Executive Commission on Ethical Standards.
- (c) No vendor may, directly or indirectly, undertake any private business, commercial or entrepreneurial relationship with, whether or not pursuant to employment, contract or other agreement, express or implied, or sell any interest in such vendor to, any State officer or employee or special State officer or employee having any duties or responsibilities in connection with the purchase, acquisition or sale of any property or services by or to any State agency or any instrumentality thereof, or with any person, Firm or entity with which he is employed or associated or in which he has an interest within the meaning of N.J.S.A. 52:13D-13g. Any relationships subject to this provision shall be reported in writing forthwith to the Executive Commission on Ethical Standards, which may grant a waiver of this restriction upon application of the State officer or employee or special State officer or employee upon a finding that the present or proposed relationship does not present the potential, actuality or appearance of a conflict of interest.
- (d) No vendor shall influence, or attempt to influence or cause to be influenced, any State officer or employee or special State officer or employee in his official capacity in any manner which might tend to impair the objectivity or independence of judgment of said officer or employee.
- (e) No vendor shall cause or influence, or attempt to cause or influence, any State officer or employee or special State officer or employee to use, or attempt to use, his official position to secure unwarranted privileges or advantages for the vendor or any other person.
- (f) The provisions cited above in paragraph 3a. through 3e. shall not be construed to prohibit a State officer or employee or special State officer or employee from receiving gifts from or contracting with vendors under the same terms and conditions as are offered or made available to members of the general public subject to any guidelines the Executive Commission on Ethical Standards may promulgate under paragraph 3c.

Subsection B12
ADA Indemnification Act

The Consultant and the Authority do hereby further agree that the provisions of Title II of the Americans With Disabilities Act of 1990 (the "Act") (42 U.S.C. §12101 et seq.), which prohibits discrimination on the basis of disability by public entities in all services, programs and activities provided or made available by public entities, and the rules and regulations promulgated pursuant thereunto, are made a part of this OPS. In providing any aid, benefit, or service on behalf of the Authority pursuant to this OPS, the Consultant agrees that the performance shall be in strict compliance with the Act. In the event that the Consultant, its agents, servants, employees, or subconsultants violate or are alleged to have violated the Act during the performance of this OPS, the Consultant shall defend the Authority in any action or administrative proceeding commenced pursuant to this Act. The Consultant shall indemnify, protect, and save harmless the Authority, its agents, servants, and employees from and against any and all suits, claims, losses demands, or damages, or whatever kind or nature arising out of or claimed to arise out of the alleged violation. The Consultant shall at its own expense, appear, defend, and pay any and all charges for legal services and any and all costs and other expenses arising from such action or administrative proceeding or incurred in connection therewith. In any and all complaints brought pursuant to the Authority grievance procedure, the Consultant agrees to abide by any decision of the Authority which is rendered pursuant to said grievance procedure. If any action or administrative proceeding results in an award of damages against the Authority or if the Authority incurs any expense to cure a violation of the Act which has been brought pursuant to its grievance procedure, the Consultant shall satisfy and discharge the same at its own expense.

The Authority shall, as soon as practicable after a claim has been made against it, give written notice thereof to the Consultant along with full and complete particulars of the claim. If any action or administrative proceedings is brought against the Authority or any of its agents, servants, and employees, the Authority shall expeditiously forward or have forwarded to the Consultant every demand, complaint, notice, summons, pleading, or other process received by the Authority or its representatives. It is expressly agreed and understood that any approval by the Authority of the services provided by the Consultant pursuant to this contact will not relieve the Consultant of the obligation to comply with the Act and to defend, indemnify, protect, and save harmless the Authority pursuant to this attachment. It is further agreed and understood that the Authority assumes no obligation to indemnify or save harmless the Consultant, its agents, servants, employees and subconsultants for any claim which may arise out of their performance of this OPS. Furthermore, the Consultant expressly understands and agrees that the provisions of this indemnification clause shall in no way limit the Consultant's obligations assumed in this OPS, nor shall they be construed to relieve the Consultant from any liability, nor preclude the Authority from taking any other actions available to it under any other provisions of the OPS or otherwise at law.

Subsection B13
Diane B. Allen Equal Pay Act

Please be advised that in accordance with N.J.S.A. 34:11-56.1 et seq. (P.L. 2018, c. 9), also known as the Diane B. Allen Equal Pay Act, which was signed in to law by Governor Phil Murphy on April 24, 2018, a contractor performing "qualifying services" or "public work" to the State or any agency or instrumentality of the State shall provide the Commissioner of Labor and Workforce Development a report regarding the compensation and hours worked by employees categorized by gender, race, ethnicity, and job category. For more information and report templates see <https://nj.gov/labor/equalpay/equalpay.html>

Subsection B14
Business Registration Act

Proof of valid business registration with the State of New Jersey Department of the Treasury, Division of Revenue and Enterprise Services, shall be submitted by the successful Firm prior to award of the OPS in the form of a valid Business Registration Certificate in compliance with N.J.S.A. 52:32-44, as amended. No OPS shall be awarded without proof of business registration with the Division of Revenue and Enterprise Services. Any questions with regard to obtaining a BRC can be directed to the Division of Revenue and Enterprise Services by visiting their website at state.nj.us/treasury/revenue. Failure to comply with the requirements of N.J.S.A. 52:32-44 will result in penalties per N.J.S.A. 54:49-4.1.