

February 7, 2023

To: ALL CONSULTANTS

**Subject: REQUEST FOR EXPRESSIONS OF INTEREST
MULTI-PROJECT SOLICITATION**

**ORDER FOR PROFESSIONAL SERVICES NO. P3937
2023 SIGN STRUCTURE INSPECTION - GARDEN STATE PARKWAY
GROUP 3, MILEPOST 111 TO 138**

AND

**ORDER FOR PROFESSIONAL SERVICES NO. P3938
2023 SIGN STRUCTURE INSPECTION - GARDEN STATE PARKWAY
GROUP 4, MILEPOST 138 TO 172**

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 Codes:

Profile Codes	Descriptions
D280R	Bridges, NBIS Program, Routine
D281	Sign Bridge Inspections

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 codes 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 Attachment 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 141 sign structures located along the Garden State Parkway between Milepost 111 to 138, otherwise known as Group 3 for Order of Professional Services (OPS) No. P3937, and 142 sign structures located along the Garden State Parkway between Milepost 138 to 172, otherwise known as Group 4 for OPS No. P3938.

The specific services for this solicitation can be found in *Attachment A3, “Scope of Services”* attached herewith.

Project Description

The assignment involves inspection of 141 sign structures in Group 3 or 142 sign structures in Group 4. The sign structures inspection work shall encompass inspections of sign structures including but not limited to foundations, trusses and end frames, sign panels, access features, electrical equipment, and all connections. 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” to develop the reports.

These OPS’ require the preparation of draft and final inspection reports, data collection and input by using Bentley’s software, and other related work defined in the Scope of Work. See Attachments A7 to A8 for the lists and schedules of sign 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 Peter W. Singhofen, P.E. via e-mail at singhofen@njta.com. The subject line should read “OPS Nos. P3937 and P3938 GSP Groups 3 and 4 Sign Structures 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/or sign structures and report submittals and 2) Team Leaders and Assistant Team Leaders must meet the following requirements for experience: the requirements outlined for Project Managers, Team Leaders, Assistant Team Leaders, and Quality Control Engineers in the document within “Qualifications of Key Bridge Inspection Personnel” 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. Team Leaders who are registered professional engineers (PEs) shall have a minimum of one year of sign structure experience, however a minimum of two years of prior experience is required for those that are not a PE. Assistant Team Leaders shall have one year of prior sign inspection experience. Technical Managers Qualifications Review Checklist (QAF3 Form). The QAF3 form will be included as a reference file on the Secure File Sharing Site. These factors will be critical elements in the selection process.

The team leader and assistant team leader for sign structure inspections shall have taken the NHI Inspection and Maintenance of Ancillary Highway Structures course (FHWA-NHI-130087) within the last 5 years.

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OPS No. P3938 – 2023 Sign Structure Inspection, GSP - Group 4, MP 138 to 172

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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 (EOI), no later than **10:00 AM on February 28, 2023**. EOIs 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.

EOI's shall be addressed to:

Hand or Overnight Delivery

**New Jersey Turnpike Authority
1 Turnpike Plaza
Woodbridge, NJ 07095
Attn: Engineering Department, Structures
Peter W. Singhofen, P.E., Project Engineer**

U.S. Mail

**New Jersey Turnpike Authority
P.O. Box 5042
Woodbridge, NJ 07095-5042
Attn: Engineering Department, Structures
Peter W. Singhofen, 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, Fee Proposal), and shall be in accordance with the following naming convention: (OPS #_EOI/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. P3937 and P3938 Kiteworks Access".

Inquiries

Inquiries pertaining to this RFEOI are to be directed in writing to Peter W. Singhofen, P.E., via e-mail to Singhofen@njta.com. **The deadline for inquiries is February 14, 2023**. 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 February 16, 2023**. 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. P3937 and P3938 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:

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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. **OPS Nos. P3937 and P3938 will be awarded to the two (2) top technically ranked firms with assignment preference going to the highest technically ranked firm. Consultants shall identify their OPS preference within the submitted EOI.**

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.

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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:PWS: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. Sign Structure Listing Group 3 – OPS No. P3937
- A8. Sign Structure Listing Group 4 – OPS No. P3938

Subsection A1
EOI 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 its 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 RFEOI 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 Engineer 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 it fully understands 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 it fully understands the needs of the Authority as it relates to the specific scope-of-work identified in the RFEOL. 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 the project's 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 its 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 its 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 its 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 will be 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 ASCE Grade / Classification must include a Quality Assurance Officer. Provide one estimate sheet for each OPS.

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** form. 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 twelve (12), single-sided, letter size pages, comprised of the following: **Letter of Interest**, not to exceed five (5) pages, **Resumes**, a maximum of seven (7), 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 RFEIOI), are **excluded** from the above referenced page count:

- Organization Chart
- NJTA Bridge Inspection Qualification Summary
- Detailed Staffing Estimate
- Project Schedule (a maximum of 2 pages) – foldout sheets are 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 eighteen (18) pages, if the Consultant must exercise option 10C 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 10C. 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.

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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	February 7, 2023
Deadline for Inquiries	February 14, 2023
Posted Responses to Inquiries	February 16, 2023
Submittal of Expressions of Interest.....	February 28, 2023
Recommendation to Award OPS	April 25, 2023
Notice to Proceed	June 6, 2023
Administration Project Closeout	May 15, 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 Order for Professional Services (OPS). Early on, the Consultant will establish a means of coordinating and reporting its activities with the designated Authority Liaison Engineer 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. Attend a pre-inspection coordination meeting with Operations and State Police prior to start of field work for each consultant to go over the Project Specific Work Plan and schedules.
3. All correspondence, invoices and transmittals for the project shall be referenced by the NJTA's Order for Professional Services Number.
4. 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 kickoff 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.
5. 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.
6. Invoices are required to be submitted on a monthly basis.

7. 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 and submit the QAF3 forms for all roles listed as “Key Personnel”. 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 via USB Flash Drive in one general folder or directory, not broken up into folders/subfolders. Certificates and completed QAF forms shall be submitted at the kickoff 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 Sign Structure Inspections for Parkway Groups 3 and 4 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, 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) data entry. A kickoff 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.

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, Federal Aviation Administration, Port Authority of New York & New Jersey, 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.

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 Connect Edition Online Help System
Manual for Traffic Control in Work Zones
NJTA Structure Inspection Quality Management Plan, current version
NJTA Bridge Inspection Program Manual for Sign Structure Inspection, current version

B. Structure Nomenclature/Inspection Methodology

Federal Highway Administration (FHWA)

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

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)

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 sign structures inspection work along the 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 these OPS'.** No shoulder or lane closings on the 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.

A Traffic Control Coordinator (TCC) shall be required where lane and half ramp closings are to be installed by the consultant or vendor as part of sign structure inspection projects. A TCC will not be required for shoulder closings installed by the consultant or vendor. Refer to Standard Specifications 801.03(A)(6) for TCC requirements and certification which shall apply to design and sign structure inspection assignments involving lane and half ramp closings.

The TCC shall be required to attend traffic control meetings for use of contractor installed lane / roadway closures to facilitate hands-on inspection where necessary.

- F. 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.
- G. 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 inspection of cantilever / butterfly signs with an articulating bucket truck requiring a TMA or hands-on inspection of end frames for overhead signs.** Short duration shoulder closings shall conform to Standard Drawing No. TP-7. Full shoulder closures are required when the inspection duration is greater than 60 minutes at one sign structure location.
- H. 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.** 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.

- I. 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.
- J. 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.
- K. 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.
- L. Unanticipated Work

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.

In addition, \$25,000.00 in direct expenses for each OPS for this task (Unanticipated Direct Expense) shall be included as a separate line item in the Fee Proposal.

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 this 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.

- M. 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 kickoff meeting.

V. SPECIFIC PROJECT SERVICES

1. Sign Structure Inspection Scope

A. Overview

This inspection covers 141 sign structures in Group 3 (see Attachment A7) or 142 sign structures in Group 4 (see Attachment A8).

Starting in 2019, the Authority's sign structure inspections are inspected on a six year cycle with the exception of bridge mounted sign structures, which are also inspected as part of the routine bridge inspection.

The consultant is advised that several guide sign improvement projects have been recently completed, are underway, or under design which are changing the existing sign populations. The Consultant is expected to field verify the locations and characteristics of the signs and to notify the Authority and the Technical Manager of discrepancies from the attached sign structure lists (see Attachment A7 or Attachment A8).

For truss style overhead span sign structures, the inspection involves close-up visual inspection of all welds, hardware connections and appurtenances. Special attention is directed to truss chord splices (aka Flanges), chord splice bolts and end frame connections. A suggested inspection sequence is as follows:

1. Foundations
2. Base plates and anchor bolts
3. Posts, web members, and connections
4. Connections to posts
5. Truss frame members and their welded/bolted connections, sign panels, and electrical system
6. Surface coating
7. Sign panel and its connection

The inspection consists of verifying all basic structure data recorded during the Initial/Inventory Inspection and performing a 100% hands-on and tactile inspection of all visible and accessible structure components (pedestal/foundation, vertical supports/poles, horizontal supports/mast arm, and attachments). The components are inspected for changes in previously reported conditions and development of new conditions. The previous inspection report/findings should be on-site for referencing purposes when available.

For double plane A frame Vierendeel truss sign bridges, the inspection shall include use of the fully contained maintenance inspection walkway, utilizing the 8' step ladder (stored flat on the walkway) at all cross beam locations to assist in the inspection of the chords. When chord splices are present, a small handheld telescopic stick mirror should be utilized from and through the maintenance walkway. Coordination with Operations will be needed for a State Police assisted slow-down in order to perform a hands-on inspection for any areas of concern. In addition, an eight point binocular inspection at the nearest end frame will be performed at high and low vantage points (+/- 25') at the front and back side for the inspection of the outside upper / lower chord of the box truss, and all its attachments.

For single and double plane Vierendeel sign bridges, the inspection involves access at each end frame for hand-on inspection to masts/frames, anchorages and truss connections. In addition, positioned in front of, and behind the sign bridge, a bucket truck shall be used for high and low binocular inspection of the truss and sign panels viewing across the roadway, from front and rear vantage points (minimum 25' away), accomplished from both end frames. Full scan of the structure truss, its connections, and appurtenances shall be made using large lens quality binoculars of proper magnification power (20), objective lens size (80 mm+), field of view, and resolution with "fine-focus" adjustment for one eye. Digital camera used shall have telephoto capability. Both binoculars and camera should have tripod mounting capability.

It is the intent of these OPS' to minimize or eliminate the hands-on inspection of overhead Vierendeel trusses using extensive/difficult lane or roadway closures, trooper assisted slowdowns/stoppages, and night work. If during the eight point binocular scans of the structure, a defect or anomaly is observed that requires hands-on inspection, then arrangements will be made as an Unanticipated Task, to use a police assisted slow down or closing (day or night) with the Authority's approval, for further close-up investigation.

To facilitate the inspection of left (or right) side end frames at certain Vierendeel sign bridges, left (or right) lane or shoulder closings or half ramp closings may be required to complete hands-on and binocular portions of the inspections. Coordination with bridge structure inspections and construction activities requiring closings shall be accomplished where possible to minimize overall MPT requirements. These closings may involve night work which requires adequate lighting/spot lighting (binocular work). At some locations, the left side vantage point for binocular coverage may be obtained from the adjacent roadway shoulder or off-roadway behind guide rail, however hands-on inspection of the end frame/foundation/anchor bolts is still required.

For the inspection of cantilever or butterfly sign structures, the inspection involves bucket truck access at the structure mast from lawn (typically behind guide rail) or closed shoulder using the center mounted articulating bucket truck. Straight-arm bucket truck vans will not be permitted for this task. It is the intent of these OPS' to minimize required MPT measures for the large number of cantilever sign structures. Therefore, a center mounted articulating boom truck is required, with any required access to the cantilever end, done by the second arm staying within the sign profile and clear of traffic.

An important task for the inspection of cantilever signs with drilled shaft (caisson) is the documentation/measurement of the mast plumbness and arm levelness. The Consultant shall measure deflections (if any) using a six (6) foot long carpenter level and feeler gages to ascertain any mast lean or arm sag measured over a 6 ft. length, and recorded in the inspection report in decimal inches per foot.

Base inspections shall be performed to ensure the safety of structure bases and anchor bolts. This inspection type consists of a 100% hands-on visual and tactile inspection of the lower portions of the structure. Anchor bolts, nuts, and washers shall be visually inspected for corrosion; loose or missing lock nuts, leveling nuts, and washers; bent rods; and nuts not fully engaged (threaded). The tops of anchor bolts should be tapped with a standard inspection hammer. This may reveal dull or hollow sounds, which could indicate a loose anchor bolt or a possible fatigue crack in the bolt shaft.

In addition to the visual, hands-on, and tactile inspections, ultrasonic inspection is required for all the sign structures in Groups 3 and 4. Ultrasonic Inspections consist primarily of ultrasonic testing (UT)

of anchor bolts in order to determine the overall length of each anchor bolt and, more importantly, if cracks or breaks exist within the bolts; however, the testing could also include ultrasonic thickness testing of horizontal supports/trusses or vertical supports/poles if the observed conditions (exterior/interior corrosion, pitting, etc.) warrant it. The ultrasonic testing of anchor bolts (UT) involves using sound waves to examine the internal conditions of each anchor bolt.

Concrete pedestal and base elements shall be cleared of foliage and excavated by shovel when required, to allow inspection of anchor bolt to substructure interface, and the surface of the pedestal. The Consultant shall submit a "Procedure for Ultrasonic Testing of Anchor Bolts" to the Authority for approval in advance of the testing in the field. The procedure shall identify applicable reference documents, personnel requirements, equipment & material to be used, surface preparation, calibration standards, limitations etc. The information and results obtained during the testing are to be recorded and submitted to the Authority using the new sign inspection form available in the AssetWise (IT) inspection module. At the kickoff meeting, the Authority will review the new "Anchor Bolt Ultrasonic Testing Report" form. The UT shall be performed by qualified NDT technician (ASNT Level II or Higher). The estimated expense for UT testing shall be listed separately in the Fee Proposal.

B. Drones

The Authority will consider the use of unmanned aircraft systems (UAS, or Drones) to supplement binocular inspections of sign structures with 3 or more flange sets. For Group 3 these include sign structures at: MP 126.7N, MP 125.7N, MP 125.9S and MP 124.93N. For Group 4 these include sign structures at: MP 146.9B, MP 146.07, MP 142.3R and MP 142.0S. Hands-on inspection of suspect areas are still required if needed. The drone inspections will, if authorized, be performed offline and not overactive traffic.

The consultant shall not include workhours in their staffing estimate for managing or executing drone activities. All costs associated with drone activities for this assignment will be considered unanticipated services. The consultant's fee proposal shall capture the workhours, associated factored labor and expenses required to perform this task and be listed as a direct expense which requires approval of the project engineer to draw down upon.

Prior to performing the drone flights, the Consultant shall attend a planning meeting with representatives from Authority's Engineering and Operations Departments, and the NJ State Police (NJSP). The Consultant shall prepare and submit an "Operation Overview" document for distribution. This document shall provide a summary of the locations, staging, and access requirements; the mobilization details; the flight plan and flight details; and a list of the on-site supervising personnel. A sample copy of such document will be provided at the kick-off meeting.

The targeted inspection will be performed by employing a drone equipped with a high-resolution camera to record still images and video footage of all sign structure flange sets from end-to-end while hovering in a fixed position staged "offline" at high and low vantage points from all four (4) corners. Those still images and video footage are then viewed onscreen by the Team Leader back in the office to identify any defects, deficiencies, and/or anomalies.

For the flights, the drone should be positioned in the grass berms adjacent to both sides of the roadway (typically behind guide rail) and would not be piloted above active traffic. If grass berms are unavailable, shoulder or lane closings may be required. The consultant would minimize the

number of shoulder/lane closings required by combining bucket truck inspection activities with drone flights. The pilot would simply launch the drone straight up to the elevation of the truss and then hover in-place and record video for approximately 10-15 minutes, panning from one end of the truss to the other. The quality of the obtained footage would permit the Team Leader to zoom into the images from each panel point, welded connection, bolted flange splice, etc., and view them as clearly as if they were positioned at each one in-person. Furthermore, the eight (8) recording angles would provide visual access to the full extent of every location not obstructed by sign panels. This approach would require no MPT other than possible short duration shoulder closings to access the grass berms (required for the hands-on end frame inspections). The consultant will evaluate available access at each and base their effort .

The Consultant shall make every effort to minimize the visually limited locations due to shadowing and/or camera angle experienced during the flight. Considerations shall be given to modifications to the flight paths, timing, and drone positioning to overcome those shortcomings.

The drone inspection procedures shall follow the strict guidelines set forth in Part 107 of the FAA rules. Pilots flying under the Part 107 small UAS rule (i.e. Drones weighting less than 55 lbs.) **must be currently certified** as a remote pilot with a small UAS rating.

The pilot in command shall ensure that persons at the site during the small UAS operation are informed about the operating conditions, emergency procedures, contingency procedures, roles and responsibilities, and potential hazards.

The drone should meet or exceed the following:

- Have a "vision system" that provides the ability to sense and avoid objects while airborne and operating at speeds of less than 31 mph.
- Have a GPS / GLONASS system installed and operating.
- The on-board camera should have sufficient resolution and/or optical zoom to capture images of the entire structure (including flange sets).

Upon completion of approved drone activities and as part of this unanticipated services assignment, the consultant will prepare a brief letter report summarizing their activities, comparing drone photographs to photographs obtained from their inspection assignment, offer recommendations and conclusions for the future use of drones in similar assignments. It is anticipated that the letter report will be three (3) pages exclusive of the cover and photographs.

C. Development of an Individual Inspection Report using Bentley Software "AssetWise Inspections" (AWI).

1. The Consultant shall provide a list of users that will require access to AWI software to the Authority at the kickoff 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 AssetWise via email to NJTABridgesHelp@njta.com. All latest directives and clarifications are available via <http://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.

D. Sign Structure Inspection Reports

1. Report Format

The Consultant shall submit a draft report for each sign structure 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 signs in each Group. In addition to the format reports select reports from subsequent submissions will be reviewed in detail by the Technical Manager and pertinent data from all reports will be reviewed via data export (query) after the last submission is received. The comments from the reviewed draft format reports shall be incorporated to all reports as applicable, including the reports not subject to a detailed review.

Starting in 2019, the Authority began using a new sign inspection report format whereby individual inspection reports are prepared for each sign as opposed to the bulk reports provided as part of the last sign inspections. 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 individual inspection reports for each structure are generated in the Bentley (AssetWise) system from standard input forms. The Consultant shall utilize the Bentley (AssetWise) system to generate individual sign structure inspection reports including photographs (identification photos and defect photos). The majority of the document pages shall be generated in AssetWise through the standard sign inspection field forms and report sections. Other pages shall be generated outside the program and inserted as additional sections (foundation sketches, clearance photos, etc.).

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

a) Report Sections

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

- Cover
- Table of Contents
- Contract History
- General and Inspection Information
- Conclusions
- Foundations and Protective Features
- Sign Foundation Sketch
- Ultrasonic Testing Report
- Structures Elements
- Chord Splice Sheet
- Sign Panels, Connections, and Inspection Access
- Electrical Equipment and Housekeeping
- Photographs
- Category A Reports
- QA Checklist

Field notes are organized into checkbox groupings by element taken from the former bullet forms. For each element grouping, there are eight different components where defects can be noted. Each defect is classifiable as N/A, NR (No repair required), Category A (Emergency or Priority Finding), or B (Contract). Fields include notes, contract repair quantities and photo references for recommended repairs.

b) Report Section Descriptions

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

Contract History – Type, Contract Number, Description of Work, Year (Consultants will need to collect data for all contract work competed from construction to the most recent repair contract. Information will be obtained by the consultant through review of the contract information included in the prior reports through 2020 and review of As-Built plans after 2019 and contract numbers listed in eGIS for the milepost limits of each project. Hours should be included in the fee proposal for this task.)

General and Inspection Information – Sign Data, Chord Splice Locations, Sign Panels, and Inspection Information including Team Leader, Assistant Team Leader(s), equipment, MPT, temperature, etc.

Conclusions – Overall Condition, Upgrade/Downgrade, Scheduled/Ongoing/Completed Work, Critical Findings, and Category E.

Foundations and Protective Features – Foundations, Anchor Bolts, Base Plates/Stiffeners/Welds, Embankment, Guide Rail/Attenuator, barrier.

Sign Foundation Sketch – Show general view of bolts and numbering sequence.

Ultrasonic Testing Report – Structure location and inventory information, anchor bolt dimensions, Instrument settings, inspection findings

Structures Elements – End Frames / Tower, End Frames / Tower to Truss connections and Bearings, Truss and Chords, Chord Splices, Welds, Coating, Caps and Handhole Covers.

Chord Splice Sheet – Include as needed when defects are noted using existing sheets where available.

Sign Panels, Connections, and Inspection Access – Sign Panel/Legibility, Panel Fasteners, Stringer Fasteners, Hanger Fasteners, Chord Connections, Walkway Grating, and Fasteners, Walkway Screening (A Frame), Handrail, Access Ladders, Security Features.

Electrical Equipment and Housekeeping – Luminaires, Cabinets, Conduits/JB, ITSS Equipment, Overgrown Vegetation, Vandalism.

Clearance – Elevation Photo showing the measured Vertical underclearances and the location where the measurement was taken (where access is available).

c) Photographs

Photographs shall be uploaded onto the AssetWise Collector System with captions in the following order.

GENERAL: Front and Rear Elevations, Sign Panels, End Frames and Foundations (including electrical equipment).

CATEGORY A DEFECTS: Defect Photos associated with Category A reports (A1, A2, A3, Guide Rail).

DEFECT: All repairable defects must have a photo for each location in order of the field notes. However, only defect photos need to be included in the report and it should be the worst condition noted if multiple locations exist with similar defects. Starting in 2019 Category D repairs will no longer be recommended in the reports and the corresponding photos do not need to be included in the reports, they should however be uploaded to the Pics/Files page as described below.

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

EQUIPMENT AND MPT: Special equipment or MPT used during the inspection including but not limited to the following: ND testing equipment (UT device, D-Meter), borescope, and grinder, etc.

Photographs are required for all defects with Category A or B repairs recommended; typical/worst photos can be included in the report with reference to other 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 defect and upload onto the AssetWise database. Photos not included in the Inspection Report will also be useful for scoping of sign structure repair contracts and the description shall contain the element and defect shown at a minimum.

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

When improvements are underway at a sign 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.

2. Format Report Submission

The Bridge Inspection Technical Program Manager will coordinate with the Consultant to select the first five sign structure inspection reports to serve as format reports, a draft inspection and report submission schedule will be provided to the Consultant at the kickoff 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 (Kiteworks) 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. Sign structure inspection report files shall be provided as PDF files on CDs, DVD, flash drive or other acceptable media to the Authority at project completion and each FINAL PDF shall be uploaded to the files page in AssetWise for each sign structure included in this solicitation. Each of the reports shall be named GSP_SignInspectionReport_Structure Number.file extension. Example as shown “GSP_SignInspectionReport_44.30S.pdf”. All reports shall be placed together in one folder or subfolder set up specifically for sign structure inspection reports only. Working files for any foundation sketches, chord splice plates, etc. shall also be included under a separate folder titled “Working Files” and uploaded to the appropriate file types in AssetWise.

The Consultant shall also provide location map (pdf files) for each sign structure for Authority’s records. The location map, at a minimum, shall show aerial view of location (interchange, service area, roadway name, milepost, traffic direction, and other roadway features etc.) identifying signs by number and highlighting individual signs cited in the report. The sample location map will be provided at the kick-off meeting.

F. Authority Deficiency Category Definitions (SIGN STRUCTURES)

The Consultant shall review and adhere to the Authority’s Critical Finding Repair Procedures, for the reporting of potential Category A deficiencies.

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 inspection reports shall be identified within one of the following Authority stipulated repair categories:

CATEGORY A “Critical Findings”

Deficiencies that require immediate 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/major defects discovered at the time of inspection which constitute an immediate impairment to the ability of the structure to function in the safe capacity it was designed for.

Included are defects such as: sign attachment failure, main structural member failure, significant anchor bolt group deterioration, etc.

A2 (Priority)

Critical issues noted which are recommended for necessary repair in the near future as they pose a safety concern to motorists, or could lead to significant load restriction or partial collapse of the structure.

Included are defects such as: significant quantities of missing and/or loose bolt nut(s), significant spalls that, if left unrepaired, may lead to further deterioration to the concrete pedestals, grout pads, and anchor bolts.

A3 (Non-Structural)

Issues noted which are recommended for a repair before the next regularly scheduled contract. This also includes conditions with questionable stability that may become critical if not addressed.

Included are defects such as damage/failure in the structure's security features, slope washout, etc.

Guide Rail

Damage or significant corrosion noted to guide rail elements including rail and posts along the roadway protecting the sign structure, which require immediate repair are reported by the issuance of a Guide Rail Type Category A Report.

Under the AssetWise system, a Category A Report is issued for each item and distributed to Engineering and Maintenance as required. Further information can be found in the Critical Finding Repair Procedures.

CATEGORY B “Contract”

Deficiencies noted that are recommended for repair in the near future by an appropriate Contract as part of the Authority's Capital Budget Program.

This category involves repair work or alterations that are considered too extensive or require special expertise, equipment, methods, or materials to repair, and are therefore put out as Contract work. Deficiencies which fall into this category are: cracks in the welds connecting the truss member horizontals or diagonals to the column at the end frames, cracks in the truss support cross beam welds to the column, chord splice plate connection cracks on trusses that have not been post-tensioned, post-tensioning, installation of vibration dampeners, cracks in the baseplate welds to the column or spacer ring, pad/pedestal reconstructions, severe anchor bolt deterioration, and missing end caps or handhole covers. Painting of remaining 1956 or new “Art Deco” style steel sign structures also falls under this category.

CATEGORY C “Maintenance”

Deficiencies noted which can be repaired most expeditiously by the Authority's own Maintenance Forces using Authority owned equipment and materials.

This category encompasses routine maintenance and repair work that includes the repair of missing, loose, cracked or sheared U-bolts, loose sign hanger to truss U-bolts, U-bolts with inadequate thread extensions, and missing, cracked or loose chord splice bolts, panel background painting, sign legend repairs, complete sign panel replacements, supplemental fasteners, sign lighting lamp replacement, and all electrical and walkway repairs, including OHV damage.

CATEGORY D “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.

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This category covers visible minor conditions related to the age of the structure, or slow / long- term deterioration not yet at the threshold requiring repairs, or items deferred for more efficient / economical inclusion in a planned future Contract. Defects in this category include the following: concrete / grout pad shrinkage cracks, surface scaling, spalling, deterioration, anchor bolt corrosion, loose anchor bolt nuts/washers, loose bolts and/or gaps between truss chord splice connections, steel corrosion/ loss of galvanizing / paint deterioration, and sign panel legibility / background condition.

**Subsection A4
Staffing Estimate**

OPS No. P3937

2023 Sign Structure Inspection

Garden State Parkway – Group 3, Milepost 111 to 138

Classification (ASCE-Grade)	Task 1 Mobilization	Task 2 Sign Inspection	Task 3 Sign Reports	Total Hours
Project Manager ()				
QA Officer ()				
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 such as Signing and Lighting, Drainage, Utility Relocations, etc. as required to meet project needs.

Request for Expressions of Interest

OPS No. P3937 – 2023 Sign Structure Inspection, GSP - Group 3, MP 111 to 138

OPS No. P3938 – 2023 Sign Structure Inspection, GSP - Group 4, MP 138 to 172

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Subsection A4
Staffing Estimate
OPS No. P3938
2023 Sign Structure Inspection
Garden State Parkway – Group 4, Milepost 138 to 172

Classification (ASCE-Grade)	Task 1 Mobilization	Task 2 Sign Inspection	Task 3 Sign Reports	Total Hours
Project Manager ()				
QA Officer ()				
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 such as Signing and Lighting, Drainage, Utility Relocations, etc. 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 Attachment 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.

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OPS No. P3938 – 2023 Sign Structure Inspection, GSP - Group 4, MP 138 to 172

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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.

Subsection A6
Prequalified and Eligible Consultants

1. AECOM Technical Services
2. AI Engineers, Inc.
3. Arora and Associates, P.C.
4. ATANE Engineers, Architects and Land Surveyors, P.C.
5. Hardesty & Hanover, LLC
6. IH Engineers, P.C.
7. Johnson, Mirmiran & Thompson, Inc.
8. KS Engineers, P.C.
9. LS Engineering Associates Corporation
10. M&J Engineering, P.C.
11. MAKS Engineers, PC
12. MP Engineers, P.C.
13. Naik Consulting Group PC and KS Engineers, PC
14. NAIK Consulting Group, P.C.
15. Pennoni Associates, Inc.
16. Pickering, Corts & Summerson, Inc.
17. PKB Engineering Corporation
18. PRIME AE Group, Inc.
19. SJH Engineering, P.C.
20. Stantec Consulting Services, Inc.
21. T.Y. Lin International
22. TranSystems Corporation
23. Van Cleef Engineering Associates, LLC
24. WSP USA Inc.

Request for Expressions of Interest

OPS No. P3937 – 2023 Sign Structure Inspection, GSP - Group 3, MP 111 to 138

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Subsection A7**Sign Structure Listing Group 3- OPS No. P3937**

Group 3 Sign List					
No.	Asset Name	Location	Flanges	Last Date Inspected	Sign Structure Type
1	MP 111.36SBO	Southbound Outer Roadway	NONE		Vierendeel Cantilever
2	MP 111.55NBO	Northbound Outer Roadway	NONE		Vierendeel Cantilever
3	MP 112.03NBI	Northbound Inner Roadway	NONE		Vierendeel Cantilever
4	MP 112.11SBI	Southbound Inner Roadway	NONE	12/07/2016	Vierendeel Cantilever
5	MP 112.11SBO	Southbound Outer Roadway	NONE	12/06/2016	Vierendeel Cantilever
6	MP 112.20NBI	Northbound Inner Roadway	NONE	12/09/2016	Vierendeel Cantilever
7	MP 112.41SBO	Southbound Outer Roadway	NONE		Vierendeel Cantilever
8	MP 112.49NBO	Northbound Outer Roadway	NONE		Vierendeel Cantilever
9	MP 112.98NBO	Northbound Outer Roadway	NONE		Vierendeel Cantilever
10	MP 113.16NBI	Northbound Inner Roadway	NONE		Vierendeel Cantilever
11	MP 113.47NBO	Northbound Outer Roadway	TWO		Double Plane Vierendeel Sign Bridge
12	MP 114.16NBI	Northbound Inner Roadway	NONE		Vierendeel Cantilever
13	MP 114.16SBO	Southbound Outer Roadway	NONE		Vierendeel Cantilever
14	MP 114.51NBO	Northbound Outer Roadway	TWO		Single Plane Vierendeel Sign Bridge
15	MP 114.59SBO	Southbound Outer Roadway	NONE		Vierendeel Cantilever
16	MP 114.97NBO	Northbound Outer Roadway	NONE	12/08/2016	Vierendeel Cantilever

Request for Expressions of Interest

OPS No. P3937 – 2023 Sign Structure Inspection, GSP - Group 3, MP 111 to 138

OPS No. P3938 – 2023 Sign Structure Inspection, GSP - Group 4, MP 138 to 172

No.	Asset Name	Location	Flanges	Last Date Inspected	Sign Structure Type
17	MP 115.02SBO	Southbound Outer Roadway	NONE		Vierendeel Cantilever
18	MP 115.20NBO	Northbound Outer Roadway	NONE		Vierendeel Cantilever
19	MP 115.5SBO	Southbound Outer Roadway	NONE	12/05/2016	Single Plane Vierendeel Sign Bridge
20	MP 115.60NBO	Northbound Outer Roadway	NONE		Vierendeel Cantilever
21	MP 115.7 116NBX	Parkway Ramp 116NBX	NONE	08/15/2018	Vierendeel Cantilever
22	MP 115.74NBO	Northbound Outer Roadway	TWO		Single Plane Vierendeel Sign Bridge
23	MP 115.9 PNCSBX	Parkway Ramp PNCSBX	NONE	12/05/2016	Vierendeel Cantilever
24	MP 116.0NBO	Northbound Outer Roadway	NONE	12/05/2016	Single Plane Vierendeel Sign Bridge
25	MP 116.32SBO	Southbound Outer Roadway	TWO		Single Plane Vierendeel Sign Bridge
26	MP 116.36NBO	Northbound Outer Roadway	TWO		Single Plane Vierendeel Sign Bridge
27	MP 116.6NBO	Northbound Outer Roadway	NONE	12/08/2016	Vierendeel Cantilever
28	MP 116.80SBO	Southbound Outer Roadway	NONE		Vierendeel Cantilever
29	MP 116.86NBO	Northbound Outer Roadway	NONE		Vierendeel Cantilever
30	MP 116.96NBO	Northbound Outer Roadway	NONE		Vierendeel Cantilever
31	MP 117.16SBO	Southbound Outer Roadway	TWO		Single Plane Vierendeel Sign Bridge
32	MP 117.31NBO	Northbound Outer Roadway	NONE		Vierendeel Cantilever

Request for Expressions of Interest

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No.	Asset Name	Location	Flanges	Last Date Inspected	Sign Structure Type
33	MP 117.63SBO	Southbound Outer Roadway	NONE		Vierendeel Cantilever
34	MP 117.7SBIR	Southbound Inner Roadway	NONE		Vierendeel Cantilever
35	MP 117.88NBO	Northbound Outer Roadway	NONE		Vierendeel Cantilever
36	MP 117.95NBI	Northbound Inner Roadway	NONE	10/14/2016	Vierendeel Cantilever
37	MP 118.10SBIR	Southbound Inner Roadway	NONE		Vierendeel Cantilever
38	MP 118.12SBOR	Southbound Outer Roadway	TWO		Single Plane Vierendeel Sign Bridge
39	MP 118.30SBI	Southbound Inner Roadway	NONE	10/14/2016	Vierendeel Cantilever
40	MP 118.38NBO	Northbound Outer Roadway	NONE		Vierendeel Cantilever
41	MP 118.52SBI	Southbound Inner Roadway	NONE	10/12/2016	Vierendeel Cantilever
42*	MP 118.7 117NBE	Parkway Ramp 117NBE	NONE	10/12/2016	Vierendeel Butterfly
42R*	MP 118.7R 117NBE	Parkway Ramp 117NBE	NONE		Vierendeel Butterfly
43	MP 118.79SBO	Southbound Outer Roadway	TWO		Single Plane Vierendeel Sign Bridge
44	MP 118.80SBI	Southbound Inner Roadway	TWO		Single Plane Vierendeel Sign Bridge
45	MP 119.01SBO	Southbound Outer Roadway	NONE		Vierendeel Cantilever
46	MP 119.02NBO	Northbound Outer Roadway	NONE		Vierendeel Cantilever
47	MP 119.2SBI	Southbound Inner Roadway	TWO		Single Plane Vierendeel Sign Bridge
48	MP 119.2SBO	Southbound Outer Roadway	NONE	10/12/2016	Vierendeel Single Plane and Cantilever

Request for Expressions of Interest

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OPS No. P3938 – 2023 Sign Structure Inspection, GSP - Group 4, MP 138 to 172

No.	Asset Name	Location	Flanges	Last Date Inspected	Sign Structure Type
49	MP 119.58S	Southbound Inner/Outer Roadway	NONE	10/12/2016	Vierendeel Butterfly
50	MP 120.0SBO	Southbound Outer Roadway	NONE	12/06/2016	Vierendeel Single Plane and Cantilever
51	MP 120.20NBO	Northbound Outer Roadway	NONE		Vierendeel Cantilever
52	MP 120.65S	Southbound Inner/Outer Roadway	TWO		Double Plane Vierendeel Sign Bridge
53	MP 120.89NBO	Northbound Outer Roadway	NONE		Vierendeel Cantilever
54	MP 121.11NBO	Northbound Outer Roadway	NONE		Vierendeel Cantilever
55	MP 121.12SBO	Southbound Outer Roadway	NONE		Vierendeel Cantilever
56	MP 121.64SBO	Southbound Outer Roadway	NONE		Vierendeel Cantilever
57	MP 121.73NBI	Northbound Inner Roadway	NONE	12/09/2016	Vierendeel Cantilever
58	MP 121.73NBO	Northbound Outer Roadway	NONE	12/08/2016	Vierendeel Cantilever
59	MP 122.16SBO	Southbound Outer Roadway	NONE		Vierendeel Cantilever
60	MP 122.5NR	Northbound Roadway BO/NBI	NONE		Vierendeel Butterfly
61	MP 122.89SBI	Southbound Inner Roadway	NONE	12/07/2016	Vierendeel Cantilever
62	MP 122.90SBO	Southbound Outer Roadway	NONE	12/06/2016	Vierendeel Cantilever
63	MP 123.17SBO	Southbound Outer Roadway	NONE		Vierendeel Cantilever
64	MP 123.30N	Northbound Roadway BO/NBI	NONE	11/18/2015	Vierendeel Butterfly
65	MP 123.55NBO	Northbound Outer Roadway	NONE		Vierendeel Cantilever
66	MP 123.6NBI	Northbound Inner Roadway	NONE	12/04/2015	Vierendeel Cantilever

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OPS No. P3938 – 2023 Sign Structure Inspection, GSP - Group 4, MP 138 to 172

No.	Asset Name	Location	Flanges	Last Date Inspected	Sign Structure Type
67	MP 123.6NBO	Northbound Outer Roadway	NONE	10/16/2015	Vierendeel Cantilever
68	MP 123.9SAS	Parkway Ramp Cheesequake SAS	NONE	11/18/2015	Vierendeel Butterfly
69	MP 124.07N	Northbound Roadway BO/NBI	NONE	12/11/2017	Vierendeel Butterfly
70	MP 124.4SBI	Southbound Inner Roadway	NONE	12/04/2015	Vierendeel Cantilever
71	MP 124.8RSBO	Southbound Outer Roadway	FOUR	10/15/2015	Single Plane Vierendeel Sign Bridge
72	MP 124.93N	Northbound Roadway BO/NBI	TWELVE	11/20/2017	Double Plane Vierendeel Sign Bridge
73	MP 124.95SBO	Southbound Outer Roadway	NONE	11/20/2017	Vierendeel Cantilever
74	MP 125.26NBI	Northbound Inner Roadway	NONE	11/28/2017	Vierendeel Cantilever
75	MP 125.3S	Southbound Roadway	EIGHT	10/15/2015	Single Plane Vierendeel Sign Bridge
76	MP 125.31NBO	Northbound Outer Roadway	NONE	12/11/2017	Vierendeel Cantilever
77	MP 125.6S*	Parkway Raritan Toll Plaza SB	NONE	12/28/2015	Canopy Mounted
78	MP 125.7N	Northbound Roadway	TWELVE	10/16/2015	Double Plane Vierendeel Sign Bridge
79	MP 125.95N	Northbound Roadway	NONE		Double Plane Vierendeel Sign Bridge
80	MP 125.9S	Southbound Roadway	TWELVE	10/15/2015	Double Plane Vierendeel Sign Bridge
81	MP 126.09 125NBX	Parkway Ramp 125NBX	NONE		Single Plane Vierendeel Sign Bridge
82	MP 126.22SR	Southbound Roadway	TWO		Double Plane Vierendeel Sign Bridge

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No.	Asset Name	Location	Flanges	Last Date Inspected	Sign Structure Type
83	MP 126.2NR	Northbound Roadway	TWO		Double Plane Vierendeel Sign Bridge
84	MP 126.46S	Southbound Roadway	TWO		Double Plane Vierendeel Sign Bridge
85	MP 126.57S	Southbound Roadway	NONE		Vierendeel Cantilever
86	MP 126.7N	Northbound Roadway	TWELVE	10/16/2015	Double Plane Vierendeel Sign Bridge
87	MP 126.83N	Northbound Roadway	TWO		Double Plane Vierendeel Sign Bridge
88	MP 126.8SR	Southbound Roadway	TWO		Double Plane Vierendeel Sign Bridge
89	MP 127.71S	Southbound Roadway	NONE		Vierendeel Cantilever
90	MP 127.8N	Northbound Outer Roadway and Ramp 127NBX	EIGHT	11/29/2017	Double Plane Vierendeel Sign Bridge
91	MP 128.0 127NBOX	Parkway Ramp 127 NBOX	TWO	11/20/2017	Single Plane Vierendeel Sign Bridge
92	MP 128.0R 127NBOX	Parkway Ramp 127NBOX	TWO		Single Plane Vierendeel Sign Bridge
93	MP 128.0AR	Parkway Ramp 127 NBX	NONE	11/15/2017	Vierendeel Cantilever
94	MP 128.0ARII	Parkway Ramp 127 NBOX Y	NONE		Vierendeel Cantilever
95	MP 128.0BR	Parkway Ramp 127 NBOX GT	NONE	11/15/2017	Vierendeel Cantilever
96	MP 128.0BRII	Parkway Ramp 127 NBOX GT	NONE		Vierendeel Cantilever
97	MP 128.0C	Parkway Ramp 127 NBOX GT	NONE	12/28/2015	Single Plane Vierendeel Sign Bridge

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No.	Asset Name	Location	Flanges	Last Date Inspected	Sign Structure Type
98	MP 128.CR	Parkway Ramp 127 NBOX GT	NONE		Single Plane Vierendeel Sign Bridge
99	MP 128.3S	Southbound Roadway	EIGHT	12/21/2015	Double Plane Vierendeel Sign Bridge
100	MP 128.4N	Northbound Roadway	EIGHT	09/14/2017	Double Plane Vierendeel Sign Bridge
101	MP 128.74S	Southbound Roadway	FOUR	09/25/2017	Vierendeel Overhead VMS/Hybrid Sign
102	MP 129.1 129TK	Parkway Ramp TK (GSP SB MP 129.1)	FOUR	11/08/2017	Single Plane Vierendeel Sign Bridge
103	MP 129.11N	Northbound Roadway and Ramp 127 NBE	NONE	09/13/2017	Vierendeel Butterfly
104	MP 129.32N	Turnpike Ramp PST (GSP NB MP 129.32)	NONE	11/08/2017	Vierendeel Cantilever
105	MP 129.8SR	Southbound Roadway	EIGHT	09/14/2017	Double Plane Vierendeel Sign Bridge
106	MP 130.13S	Southbound Roadway	FOUR	09/25/2017	Vierendeel Overhead VMS/Hybrid Sign
107	MP 130.19N	Northbound Roadway	EIGHT	09/14/2017	Double Plane Vierendeel Sign Bridge
108	MP 130.40SR	Southbound Roadway	EIGHT	09/14/2017	Single Plane Vierendeel Sign Bridge
109	MP 130.6S	Southbound Roadway	NONE	12/21/2015	Cantilever
110	MP 130.80SR	Southbound Roadway	EIGHT	09/28/2017	Double Plane Vierendeel Sign Bridge
111	MP 130.95N	Northbound Roadway	EIGHT	09/14/2017	Double Plane Vierendeel Sign Bridge

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No.	Asset Name	Location	Flanges	Last Date Inspected	Sign Structure Type
112	MP 131.09S	Southbound Roadway	EIGHT	12/16/2015	Vierendeel Overhead VMS/Hybrid Sign
113	MP 131.37S	Southbound Roadway	EIGHT	09/15/2017	Double Plane Vierendeel Sign Bridge
114	MP 131.3NR	Northbound Roadway	EIGHT	12/16/2015	Double Plane Vierendeel Sign Bridge
115	MP 131.86N	Northbound Roadway	NONE	09/14/2017	Vierendeel Cantilever
116	MP 131.89S	Southbound Roadway	FOUR	11/14/2017	Single Plane Vierendeel Sign Bridge
117	MP 132.10NR	Northbound Roadway	NONE	11/29/2017	Vierendeel Cantilever
118	MP 132.1SR	Southbound Roadway	NONE	12/06/2017	Vierendeel Cantilever
119	MP 132.35S	Southbound Roadway	FOUR	11/29/2017	Single Plane Vierendeel Sign Bridge
120	MP 132.81S	Southbound Roadway	EIGHT	11/20/2017	Double Plane Vierendeel Sign Bridge
121	MP 133.34S	Southbound Roadway	EIGHT	11/20/2017	Double Plane Vierendeel Sign Bridge
122	MP 133.60S	Southbound Roadway	NONE	11/20/2017	Vierendeel Overhead VMS/Hybrid Sign
123	MP 133.64N	Northbound Roadway	FOUR	11/20/2017	Vierendeel Overhead VMS/Hybrid Sign
124	MP 133.81S	Southbound Roadway	FOUR	11/20/2017	Single Plane Vierendeel Sign Bridge
125	MP 134.18N	Northbound Roadway	FOUR	11/28/2017	Single Plane Vierendeel Sign Bridge

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No.	Asset Name	Location	Flanges	Last Date Inspected	Sign Structure Type
126	MP 135.10	Northbound/Southbound Roadway	EIGHT	11/28/2017	Double Plane Vierendeel Sign Bridge
127	MP 135.80N	Northbound Roadway	NONE	11/30/2017	Vierendeel Cantilever
128	MP 136.1NR	Northbound Roadway	NONE	11/30/2017	Vierendeel Cantilever
129	MP 136.1 135NBX	Parkway Ramp 135NBX	NONE	9/19/2018	Monotube Type Sign Support
130	MP 136.1R 135SBX	Parkway Ramp 135SBX	NONE	12/06/2017	Vierendeel Cantilever
131	MP 136.3SR	Southbound Roadway	NONE	12/06/2017	Vierendeel Cantilever
132	MP 136.62N	Northbound Roadway	NONE	11/30/2017	Vierendeel Cantilever
133	MP 136.74S	Southbound Roadway	EIGHT	11/30/2017	Double Plane Vierendeel Sign
134	MP 136.80N	Northbound Roadway	FOUR	11/30/2017	Vierendeel Overhead VMS/Hybrid Sign
135	MP 136.92S	Southbound Roadway	FOUR	11/30/2017	Single Plane Vierendeel Sign Bridge
136	MP 137.15N	Northbound Roadway	FOUR	11/30/2017	Single Plane Vierendeel Sign Bridge
137	MP 137.4NR	Northbound Roadway	NONE	12/04/2015	Vierendeel Cantilever
138	MP 137.6SR	Southbound Roadway	NONE	12/16/2015	Vierendeel Cantilever
139	MP 137.88N	Northbound Roadway	NONE	12/01/2017	Vierendeel Cantilever
140	MP 138.02S	Southbound Roadway	FOUR	11/13/2017	Vierendeel Overhead VMS/Hybrid Sign
141	MP 138.5R	Northbound/Southbound Roadway	EIGHT	11/13/2017	Double Plane Vierendeel Sign

* Consultant to verify if original 118.7 117NBE has been removed/replaced and inspect whichever sign is present and also verify removal of sign at MP 125.6S

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Subsection A8
Sign Structure Listing Group 4 - OPS No. P3938

Group 4 Sign List					
No.	Asset Name	Location	Flange Sets	Last Date Inspected	Type ID
1	MP 138.8NR	Northbound Roadway	NONE	12/16/2015	Cantilever
2	MP 138.9SR	Southbound Roadway	NONE	12/16/2015	Vierendeel Cantilever
3	MP 139.19	Northbound/Southbound Roadway	EIGHT	11/13/2017	Double Plane Vierendeel Sign Bridge
4	MP 139.51N	Northbound Roadway	NONE	11/13/2017	Vierendeel Overhead VMS/Hybrid Sign
5	MP 139.69	Northbound/Southbound Roadway	EIGHT	11/13/2017	Double Plane Vierendeel Sign Bridge
6	MP 140.17N	Northbound Roadway	EIGHT	11/13/2017	Double Plane Vierendeel Sign Bridge
7	MP 140.25S	Southbound Roadway	NONE	11/01/2017	Vierendeel Cantilever
8	MP 140.64S	Southbound Roadway	FOUR	11/13/2017	Single Plane Vierendeel Sign Bridge
9	MP 140.90NR	Northbound Roadway	EIGHT	11/13/2017	Double Plane Vierendeel Sign Bridge
10	MP 141.2NR	Northbound Roadway	EIGHT	11/13/2017	Double Plane Vierendeel Sign Bridge
11	MP 141.3R	Northbound/Southbound Roadway	EIGHT	12/10/2015	Double Plane Vierendeel Sign Bridge
12	MP 141.4	Northbound/Southbound Roadway	EIGHT	11/13/2017	Double Plane Vierendeel Sign Bridge
13	MP 141.80 140ASBX	Parkway Ramp 140ASBX	NONE	12/04/2017	Cantilever

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No.	Asset Name	Location	Flanges	Last Date Inspected	Sign Structure Type
14	MP 142.0S	Southbound Roadway	SIXTEEN	12/10/2015	Double Plane Vierendeel Sign Bridge
15	MP 142.1N	Northbound Roadway	SIXTEEN	12/16/2015	Single Plane Vierendeel Sign Bridge
16	MP 142.3R	Northbound/Southbound Roadway	SIXTEEN	12/10/2015	Double Plane Vierendeel Sign Bridge
17	MP 142.5R	Northbound/Southbound Roadway	EIGHT	12/10/2015	Double Plane Vierendeel Sign Bridge
18	MP 142.8N	Northbound Roadway and Ramp 142ANBX	NONE	12/14/2017	Vierendeel Butterfly
19	MP 142.9NR	Northbound Roadway	NONE		Vierendeel Cantilever
20	MP 143.1A	Route 78 EB Onramp	NONE	12/21/2015	Vierendeel Cantilever
21	MP 143.1E	Parkway Ramp 142E	TWO	12/15/2017	Single Plane Vierendeel Sign Bridge
22	MP 143.1F	Parkway Ramp 142F	TWO	12/20/2017	Single Plane Vierendeel Sign Bridge
23	MP 143.1SR	Southbound Roadway	NONE	12/03/2015	Vierendeel Cantilever
24	MP 143.42S	Southbound Roadway	EIGHT		Double Plane Vierendeel Sign Bridge
25	MP 143.52	Northbound/Southbound Roadway	EIGHT		Double Plane Vierendeel Sign Bridge
26	MP 143.7R	Northbound/Southbound Roadway	EIGHT	12/03/2015	Double Plane Vierendeel Sign Bridge
27	MP 143.94N	Northbound Roadway	NONE		Vierendeel Cantilever
28	MP 144.2	Northbound/Southbound Roadway	TWO		Double Plane Vierendeel Sign

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No.	Asset Name	Location	Flanges	Last Date Inspected	Sign Structure Type
29	MP 144.42S	Southbound Roadway	NONE		Vierendeel Cantilever
30	MP 144.97	Northbound/Southbound Roadway	TWO		Double Plane Vierendeel Sign Bridge
31	MP 145.27S	Southbound Roadway	NONE		Vierendeel Cantilever
32	MP 145.64N	Northbound Roadway	NONE		Vierendeel Cantilever
33	MP 145.82	Northbound/Southbound Roadway	TWO		Double Plane Vierendeel Sign Bridge
34	MP 146.07	Northbound/Southbound Roadway	TWELVE	11/17/2017	Vierendeel Overhead VMS/Hybrid Sign
35	MP 146.11S	Southbound Roadway	NONE		Vierendeel Cantilever
36	MP 146.4N	Northbound Roadway	EIGHT	02/20/2020	Four Chord Sign Bridge
37	MP 146.63S	Southbound Roadway	NONE		Vierendeel Cantilever
38	MP 146.7N	Northbound Roadway	NONE		Vierendeel Cantilever
39	MP 146.7S	Northbound Roadway	NONE		Vierendeel Cantilever
40	MP 146.95N	Northbound Roadway	NONE		Vierendeel Cantilever
41	MP 146.9AR	Parkway Ramp 145NBX	NONE		Vierendeel Cantilever
42	MP 146.9B	Parkway Exit 145 Plaza	TWELVE	12/15/2015	Four Chord Sign Bridge
43	MP 146.9CR	Parkway Ramp 145NBE	NONE		Vierendeel Cantilever
44	MP 146.9DR	Parkway Entrance 145 Toll Plaza	TWO		Double Plane Vierendeel Sign Bridge
45	MP 146.9ER	Parkway Ramp 145NBE	TWO		Single Plane Vierendeel Sign Bridge

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No.	Asset Name	Location	Flanges	Last Date Inspected	Sign Structure Type
46	MP 146.9FR	Northbound Roadway Exit 145 Ramp	NONE		Vierendeel Cantilever
47	MP 147.0SAR	Southbound Roadway	NONE		Vierendeel Cantilever
48	MP 147.2SR	Southbound Roadway	NONE		Vierendeel Cantilever
49	MP 147.74	Northbound/Southbound Roadway	TWO		Double Plane Vierendeel Sign Bridge
50	MP 147.92N	Northbound Roadway	NONE		Vierendeel Cantilever
51	MP 148.2S	Southbound Roadway	NONE	12/03/2015	Vierendeel Cantilever
52	MP 148.48N	Northbound Roadway	NONE		Vierendeel Cantilever
53	MP 148.5S	Southbound Roadway	NONE	12/03/2015	Vierendeel Cantilever
54	MP 148.89N	Northbound Roadway	NONE		Vierendeel Cantilever
55	MP 148.9N	Northbound Roadway	NONE	12/03/2015	Butterfly
56	MP 149.21	Northbound/Southbound Roadway	TWO		Double Plane Vierendeel Sign Bridge
57	MP 149.67S	Southbound Roadway	NONE	07/27/2016	Vierendeel Cantilever
58	MP 149.89	Northbound/Southbound Roadway	TWO		Double Plane Vierendeel Sign Bridge
59	MP 149.91N	Northbound Roadway	NONE		Vierendeel Cantilever
60	MP 150.21S	Southbound Roadway	NONE		Vierendeel Cantilever
61	MP 150.44	Northbound/Southbound Roadway	TWO		Double Plane Vierendeel Sign Bridge
62	MP 150.85	Northbound/Southbound Roadway	TWO		Double Plane Vierendeel Sign Bridge

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No.	Asset Name	Location	Flanges	Last Date Inspected	Sign Structure Type
63	MP 151.04N	Northbound Roadway	NONE	07/26/2016	Vierendeel Cantilever
64	MP 151.25N	Northbound Roadway	NONE		Vierendeel Cantilever
65	MP 151.76S	Southbound Roadway	TWO		Single Plane Vierendeel Sign Bridge
66	MP 151.96N	Northbound Roadway	TWO		Single Plane Vierendeel Sign Bridge
67	MP 152.19N	Northbound Roadway	TWO		Single Plane Vierendeel Sign Bridge
68	MP 152.57S	Southbound Roadway	NONE		Vierendeel Cantilever
69	MP 152.85N	Northbound Roadway	EIGHT	07/26/2016	Double Plane Vierendeel Sign Bridge
70	MP 153.01S	Southbound Roadway	NONE		Vierendeel Cantilever
71	MP 153.27N	Northbound Roadway	NONE	07/27/2016	Vierendeel Cantilever
72	MP 153.37N	Northbound Roadway	TWO		Single Plane Vierendeel Sign Bridge
73	MP 153.52S	Southbound Roadway	NONE		Vierendeel Cantilever
74	MP 153.8N	Northbound Roadway	NONE	07/26/2016	Single Plane Vierendeel Sign Bridge
75	MP 154.1N	Northbound Roadway	NONE	07/26/2016	Single Plane Vierendeel Sign Bridge
76	MP 154.20S	Southbound Roadway	NONE		Vierendeel Cantilever
77	MP 154.24N	Northbound Roadway	NONE		Vierendeel Cantilever
78	MP 154.54N	Northbound Roadway	TWO		Single Plane Vierendeel Sign Bridge

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No.	Asset Name	Location	Flanges	Last Date Inspected	Sign Structure Type
79	MP 154.6S	Southbound Roadway	NONE	07/27/2016	Single Plane Vierendeel Sign Bridge
80	MP 154.93S	Southbound Roadway	NONE	07/27/2016	Vierendeel Cantilever
81	MP 155.1N	Northbound Roadway	NONE	07/26/2016	Single Plane Vierendeel Sign Bridge
82	MP 155.30S	Southbound Roadway	NONE	07/27/2016	Single Plane Vierendeel Sign Bridge
83	MP 155.35N	Northbound Roadway	NONE	07/26/2016	Vierendeel Cantilever
84	MP 155.7N	Northbound Roadway	NONE	07/26/2016	Single Plane Vierendeel Sign Bridge
85	MP 156.10NR	Northbound Roadway	TWO		Double Plane Vierendeel Sign Bridge
86	MP 156.3S	Southbound Roadway	NONE	07/21/2016	Single Plane Vierendeel Sign Bridge
87	MP 156.42N	Northbound Roadway	NONE		Vierendeel Cantilever
88	MP 156.77S	Southbound Roadway	NONE		Vierendeel Cantilever
89	MP 157.08	Northbound/Southbound Roadway	TWO		Double Plane Vierendeel Sign Bridge
90	MP 157.50S	Southbound Roadway	TWO		Double Plane Vierendeel Sign Bridge
91	MP 157.93N	Northbound Roadway	NONE		Vierendeel Cantilever
	MP 158.06*	Northbound/Southbound Roadway	TWO		Double Plane Vierendeel Sign Bridge
92	MP 158.06SR	Southbound Roadway	NONE		Single Plane Vierendeel Sign Bridge

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No.	Asset Name	Location	Flanges	Last Date Inspected	Sign Structure Type
93	MP 158.71N	Northbound Roadway	NONE		Vierendeel Cantilever
94	MP 158.92S	Southbound Roadway	NONE		Vierendeel Cantilever
95	MP 159.05N	Northbound Roadway	NONE		Vierendeel Cantilever
96	MP 159.35N	Northbound Roadway	NONE	07/19/2016	Vierendeel Cantilever
97	MP 159.43	Northbound/Southbound Roadway	TWO		Double Plane Vierendeel Sign Bridge
98	MP 159.82N	Northbound Roadway	NONE		Vierendeel Cantilever
99	MP 159.9 159SBX	Parkway Ramp 159SBX	NONE	09/13/2016	Vierendeel Cantilever
100	MP 160.0 159SBX	Parkway Ramp 159SBX	NONE	09/13/2016	Vierendeel Cantilever
101	MP 160.00N	Northbound Roadway	NONE		Vierendeel Cantilever
102	MP 160.06	Northbound/Southbound Roadway	TWO		Double Plane Vierendeel Sign Bridge
103	MP 160.15N	Northbound Roadway	NONE		Vierendeel Cantilever
104	MP 160.21S	Southbound Roadway	NONE		Vierendeel Cantilever
105	MP 160.2AR	Northbound Roadway Exit 159 Ramps	TWO		Single Plane Vierendeel Sign Bridge
106	MP 160.76	Northbound/Southbound Roadway	TWO		Double Plane Vierendeel Sign Bridge
107	MP 161.00S	Southbound Roadway	NONE	07/21/2016	Vierendeel Overhead VMS/Hybrid Sign
108	MP 161.19S	Southbound Roadway	NONE	07/21/2016	Vierendeel Cantilever
109	MP 161.2N	Northbound Roadway	NONE	09/09/2016	Single Plane Vierendeel Sign

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No.	Asset Name	Location	Flanges	Last Date Inspected	Sign Structure Type
110	MP 161.64N	Northbound Roadway	NONE		Vierendeel Cantilever
111	MP 161.90N	Northbound Roadway	NONE	07/19/2016	Vierendeel Cantilever
112	MP 162.1N	Northbound Roadway	NONE		Vierendeel Cantilever
113	MP 162.40S	Southbound Roadway	NONE		Vierendeel Cantilever
114	MP 162.4N	Northbound Roadway	NONE		Vierendeel Cantilever
115	MP 162.97N	Northbound Roadway	FOUR		Single Plane Vierendeel Sign Bridge
116	MP 163.1 163SBE	Route 17 Ramp SBE	NONE	07/26/2016	Vierendeel Cantilever
117	MP 163.29S	Southbound Roadway	NONE		Vierendeel Cantilever
118	MP 163.81N	Northbound Roadway	NONE		Vierendeel Cantilever
119	MP 163.95S	Southbound Roadway	TWO	07/14/2016	Single Plane Vierendeel Sign Bridge
120	MP 164.2N	Northbound Roadway	FOUR	07/14/2016	Single Plane Vierendeel Sign Bridge
121	MP 164.40S	Southbound Roadway	NONE	07/14/2016	Vierendeel Cantilever
122	MP 164.54N	Northbound Roadway	NONE		Vierendeel Cantilever
123	MP 164.7S	Southbound Roadway	NONE		Vierendeel Cantilever
124	MP 165.20N	Northbound Roadway	NONE		Vierendeel Cantilever
125	MP 165.3SR	Southbound Roadway	FOUR		Single Plane Vierendeel Sign Bridge
126	MP 165.67S	Southbound Roadway	NONE		Vierendeel Cantilever

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No.	Asset Name	Location	Flanges	Last Date Inspected	Sign Structure Type
127	MP 165.88S	Southbound Roadway	NONE		Vierendeel Cantilever
128	MP 166.3NR	Northbound Roadway	NONE	07/14/2016	Vierendeel Cantilever
129	MP 166.3S	Southbound Roadway	FOUR	07/14/2016	Single Plane Vierendeel Sign Bridge
130	MP 166.8N	Northbound Roadway	NONE	07/14/2016	Vierendeel Cantilever
131	MP 166.8S	Southbound Roadway	FOUR	07/14/2016	Single Plane Vierendeel Sign Bridge
132	MP 167.2N	Northbound Roadway	NONE	07/13/2016	Vierendeel Cantilever
133	MP 167.4S	Southbound Roadway	FOUR	07/13/2016	Single Plane Vierendeel Sign Bridge
134	MP 167.98S	Southbound Roadway	NONE	07/13/2016	Vierendeel Cantilever
135	MP 168.01N	Northbound Roadway	NONE	07/13/2016	Vierendeel Cantilever
136	MP 168.3S	Southbound Roadway	FOUR	07/13/2016	Single Plane Vierendeel Sign
137	MP 168.93N	Northbound Roadway	NONE		Vierendeel Cantilever
138	MP 169.31N	Northbound Roadway	TWO		Single Plane Vierendeel Sign
139	MP 169.93N	Northbound Roadway	TWO		Single Plane Vierendeel Sign Bridge
140	MP 170.76N	Northbound Roadway	NONE		Vierendeel Cantilever
141	MP 171.1S	Southbound Roadway	NONE	07/21/2016	Vierendeel Cantilever
142	MP 171.90S	Southbound Roadway	NONE	07/13/2016	Vierendeel Overhead VMS/Hybrid Sign

* Consultant to verify if original 158.06 has been removed and replaced and inspect whichever sign is present

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 the Authority 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

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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, col-or, 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 of 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 RFEOI, 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.

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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:

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- 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 thereto, 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.