

December 3, 2018

To: ALL CONSULTANTS

**Subject: REQUEST FOR EXPRESSIONS OF INTEREST
ORDER FOR PROFESSIONAL SERVICES NO. T3716
SUPERVISION OF CONSTRUCTION SERVICES FOR CONTRACT NOS.:
T200.502, ROADWAY RESURFACING AND INTERCHANGE 11 RAMP TNO
IMPROVEMENTS, MILEPOST 83 TO 122 (2019) AND
T200.506, ROADWAY RESURFACING, MILEPOST 83 TO 122 (2019)**

The New Jersey Turnpike Authority (Authority) invites Expressions of Interest (EOIs) for a Complex project from engineering Firms prequalified and eligible in the following Profile Codes:

Profile Code(s)	Description(s)
B-153	Roadway Construction Inspection
B-154	Roadway Resurfacing Inspection

Attached (see Section I) 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 of the Profile Code requirements are also eligible to submit an EOI.

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

The Authority shall be seeking participation of Small Business Enterprises (SBE) as subconsultants. The project goal is 25% SBE participation to New Jersey Businesses (see Section VII) of the Attachment to the Expression of Interest for the program provisions).

This solicitation is for professional services required to provide supervision of construction services for Contract Nos. T200.502, Roadway Resurfacing and Interchange 11 Ramp TNO Improvements between Milepost 83 and 122 (2019) and T200.506, Roadway Resurfacing between Milepost 83 and 122 (2019) to ensure that both contracts are constructed in accordance with the Contract Plans and Specifications. OPS No. T3716 will also provide for supervision of construction services performed and required for Immediate Repair Contract No. A900.422 on an as needed basis. It is the Authority's intent to engage the services of one firm to provide professional services required for the construction supervision of both contracts at an estimated total construction cost of \$38,000,000.

Project Description

The work to be performed under Contract No. T200.502, which is expected to be awarded at the February 2019 Commission Meeting, will consist of pavement removal and resurfacing with Hot Mix Asphalt Surface Course Pavement along the Turnpike mainline roadways, ramps, shoulders, maintenance U-turns, Z-turns, toll plazas and other incidental work from Milepost 83 to 122. In addition, this contract will construct operational improvements at Interchange 11 Ramp TNO designed to allow traffic to more safely merge onto the Turnpike Northbound Outer Roadway at this location. Resurfacing work under this contract will specifically focus on the Turnpike mainline roadway from Bridge Structure No. 103.53 to Bridge Structure Nos. E/W106.68 Northbound and Southbound and includes all ramps and the toll plaza at Interchange 14C on the Newark Bay Hudson County Extension. The estimated construction cost for Contract No. T200.502 is approximately \$18,000,000.

The work to be performed under Contract No. T200.506, which is expected to be awarded at the March 2019 Commission Meeting, will consist of pavement removal and resurfacing with Hot Mix Asphalt Surface Course Pavement along the Turnpike mainline roadways, ramps, shoulders, maintenance U-turns, Z-turns, toll plazas and other incidental work from Milepost 83 to 122. Resurfacing work under this contract will specifically focus on the Turnpike Westerly Alignment Bridge Structure No. W106.68 to Bridge Structure No. W116.10 Northbound and Southbound and include all of Interchange 15W, 16W and 18W Toll Plazas. The estimated construction cost for Contract No. T200.506 is approximately \$20,000,000.

Emergency repairs on the Authority's Roadways and Facilities are completed using the Authority's Immediate Repair Contract, Contract No. A900.422. Professional services may include supervision of emergency or scheduled repairs as directed by the authority on an as needed basis.

Staff Qualifications

It will be the Consultants responsibility to ensure that the project is fully and adequately staffed at all times for each phase, task and requirement needed for the successful completion of the project. Section IV, Scope of Services, of the attachment to the RFEOI lists the minimum requirements of staff required for the project.

Project background materials (preliminary plans, studies, reports, etc.) will be available for review electronically through the Authority's Secure File Sharing site. Access to the secure work space 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 Wilmore Capuno via e-mail at wcapuno@turnpike.state.nj.us. The subject line should read "OPS No. T3716, Secure File Sharing Site Information."

EOI Submission Requirements

To be considered for these services, qualified Firms or prequalified Joint Ventures need to submit 5 copies of their EOI, including one EOI in PDF format, which must contain the following:

1. **Letter of Interest** not exceeding five (5) single-sided, letter-sized pages with minimum 1-inch borders and minimum font size of 10 pt., stating the Firm's interest, ability and its commitment to complete the requested professional services listed in this solicitation and in their EOI.

The Letter of Interest shall summarize the following information.

- a. **Experience of the Firm on Similar Projects**

Provide information on the Firm and its sub-consultants experience on similar projects.

The Firm shall provide information on past projects which they have 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 Resident Engineers on Similar Projects

The Firm shall identify the Resident Engineer that will be assigned to each project and identify the individual's education, credentials and work experience. The Firm should discuss the proposed Resident Engineer'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 each Resident Engineer proposed, included in the EOI, shall be clear, dated and detailed to the related assignment experience. References shall be furnished for each project listed (include date when work performed and relevance to subject assignment and at least one contact name and phone number for each project). Unless otherwise noted, the Project Manager shall be a licensed Professional Engineer.

c. Key Personnel's Qualifications and Relevant Experience

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

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

The Consultant shall provide staff meeting the following minimum experience and qualification requirements:

- a. A part-time Project Manager. The Project Manager or Principal of the Firm shall be a Professional Engineer licensed in the State of New Jersey.
- b. The Resident Engineers shall be licensed Professional Engineers or NICET Level IV Certified or alternatively, they shall have ten (10) years relevant experience, at least half of which has been at the Resident Engineer level. All Resident Engineers must also be certified by the N.J. Society of Asphalt Technologists.
- c. NICET Certified Inspectors experienced and knowledgeable in the types of construction to be performed. Paving Inspectors shall be certified by the N.J. Society of Asphalt Technologists.

d. Understanding of the Project and the Authority's Needs

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

Understanding of the Project

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

Understanding of the Authority's Needs

The Firm shall demonstrate that they fully understand the needs of the Authority as it relates to the specific scope-of-work identified in the RFEOI. 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.

e. Approach to the Project

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

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

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

Commitment and Ability to Perform the Project

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

Outstanding Work with the Authority

The Firm shall discuss their outstanding work with the Authority as shown on the completed Disclosure Forms for the prime and all subconsultants. Information should be provided to demonstrate how this project may be impacted or affected by the existing work load 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 Small Business Enterprise (SBE) Participation Goals

The Authority has adopted a Small Business Enterprise Sub-Consultant's Program (the SBE Program). Under the SBE Program, Firms interested in submitting an Expression of Interest 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.
3. **Resumes for the Resident Engineers and each Key Project team member**, (a maximum total of 9) 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 **detailed estimate of the work-hours** per task and by ASCE Grade/ Classification, along with an estimate of total hours, to provide the work described herein. The Authority has provided an estimate of the expected staffing for this OPS, which is identified in Section V – 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 Section V is appropriate for the Consultant to complete the assignment.
5. A **Project Schedule** for this solicitation that addresses the various tasks defined by the scope of services for this assignment. The Project Schedule may be a maximum of 2 pages.
6. **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 sub-consultant.
7. 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 sub-consultants 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.
8. 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 sub-consultants shall be submitted. State "none" on the form if Firm, joint venture or sub-consultant 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.

9. A completed **Commitments of Proposed Project Staff** form (which is available on the Authority's website) stating the percentage of time each member has available to commit to this assignment, including subconsultant staff.
10. A completed **Certification of Staff Availability** form (which is available on the Authority's website) 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.
11. A completed **SBE Form – Proposed Schedule of Small Business Enterprise Participation** (which is available on the Authority's website). Stating the Firm's intention to use SBE Certified Firms as sub-consultants.
12. A completed **Disclosure of Investment Activities in Iran** form (which is available on the Authority's website).
13. A completed **Vendor Source Disclosure** form (which is available on the Authority's website).
14. A completed **Ownership Disclosure Form**, pursuant to N.J.S.A. 52:25-24.2 (which is available on the Authority's website).

EOIs that are incomplete may not be considered.

The required forms referenced in Items 6 through 14 above can be found on the Authority's website: www.njta.com under *Doing Business, 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 Authority's website <https://www.state.nj.us/ethics/docs/ethics/uniformcode.pdf>. By submitting an EOI, your 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 fourteen (14), single-sided, letter size pages, comprised of the following: **Letter of Interest**, not exceed five (5) pages, **Resumes**, a maximum of seven (9), 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. Foldout sheets are not permitted.

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

- Organization Chart
- Detailed Estimate of Work Hours
- Project Schedule
- 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 Form
- Disclosure of Investment Activities in Iran Form
- Vendor Source Disclosure Form
- Ownership Disclosure Form

The aforementioned fourteen (14) page limitation shall be increased to a maximum of twenty (20) pages, if the Consultant must exercise option 10C above. The additional five (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 Expression of Interest unless they are required to do so in accordance with Option C. If included in the EOI, the proposed alternative staffing information shall be contained in a separate section of the EOI. It shall only be considered by the Authority in the scoring of the EOI if required. Anything in excess of the page limitations for each of the EOI criteria above will not be read or considered. If the EOI submitted is not in accordance with the specific provisions defined above, it shall be considered incomplete and may be rejected.

Expressions of Interest must be submitted no later than 2:00 p.m. on December 17, 2018. Consultants will be fully responsible for the delivery of their EOIs. Reliance upon U.S. Mail or other carriers is at the Consultant's risk. Late EOIs will not be considered. EOIs hand delivered or delivered by an overnight delivery service shall be addressed to:

**New Jersey Turnpike Authority
1 Turnpike Plaza
Woodbridge, NJ 07095
Attn: Engineering Department,
John D. Ernst, Project Engineer**

Expressions of Interest transmitted via U.S. Mail should be addressed to:

**New Jersey Turnpike Authority
P.O. Box 5042
Woodbridge, NJ 07095-5042
Attn: Engineering Department
John D. Ernst, Project Engineer**

Inquiries

Inquiries pertaining to this RFEOI are to be directed in writing to John D. Ernst, Project Engineer, New Jersey Turnpike Authority, P.O. Box 5042, Woodbridge, New Jersey 07095-5042. E-mail all inquiries to ernst@njta.com. **The deadline for inquiries is December 10, 2018.** 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 December 11, 2018.** 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

Once the EOIs have been evaluated for completeness, the Authority will create a list of Firms that shall receive the Request for Technical and Sealed Fee Proposals. ("RFP"). 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 list of Firms most highly qualified to perform the project, in accordance with N.J.A.C. 19:9-2.8(e), who will receive Requests for Technical and Sealed Fee Proposals.

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

RATING FACTORS	WEIGHT %	POINTS
Experience of the Firm on Similar Projects	15	45
Resident Engineer's Qualifications and Relevant Experience	20	60
Key Personnel's Qualifications and Relevant Experience	15	45
Understanding the Project and the Authority's Needs	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	5	15
Attainment of SBE Participation Goals	5	15
	100%	300

Following the review of the submitted EOIs, the Authority will request Technical and Fee Proposals from at least three (3) Firms it deems the most qualified. All respondents will be notified at each stage of the EOI and RFP process, regarding their status.

All submittals required pursuant to P.L. 2005, Chapters 51 and 271 Executive Order 117 (2008) will be requested only after the RFP stage of this procurement, 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 via mail or fax and are to be returned to the Authority within five (5) business days.

**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 (http://www.njta.com/media/2928/ps_agreement_4_v5-17-2017.pdf), the RFEIOI, the selected firms submitted EOI, the RFP, as well as the selected Firms submitted Technical Proposal and Final Negotiated Fee Proposal. These documents are listed in the order of priority in the event of a conflict.

Effective April 29, 2014 Consultants shall be required, at their own expense, to provide ALL insurance coverages as more fully set forth in the applicable OPS Agreement.

Business Registration
N.J.S.A. 52:32-44

The OPS will not be entered into by the Authority unless the Firm first provides proof of valid business registration in compliance with N.J.S.A. 52:32-44. Pursuant to this law the Firm is further notified that no subcontract shall be entered into by prime consultant unless the subconsultant first provides proof of valid business registration.

Attached please find additional information regarding the EOI, RFP and project requirements.

Very truly yours,

ORIGINAL SIGNED BY

Robert J. Fischer, P.E.
Chief Engineer

RJF:JDE:sc
Attachments

c: M. Garofalo
J. Sheedy
J. D. Ernst
Review Committee
File

Supplemental Information

Regarding EOI, RFP and Project Requirements

Dated December 3, 2018

for

Order for Professional Services No. T3716

Supervision of Construction Services for Contract Nos.:

**T200.502, Roadway Resurfacing and Interchange 11 Ramp TNO Improvements,
Milepost 83 to 122 (2019)**

And

T200.506, Roadway Resurfacing, Milepost 83 to 122 (2019)

This attachment is incorporated into and made a part of the RFEOI.

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XVI.	ADA Indemnification
XVII.	Diane B. Allen Equal Pay Act

APPENDIX A – Material Acceptance Criteria

SECTION I
Prequalified and Eligible Consultants

1. AECOM Technical Services
2. AmerCom Corporation
3. APTIM Environmental & Infrastructure, Inc.
4. Arora and Associates, P.C.
5. ATANE Engineers, Architects and Land Surveyors, P.C.
6. Atkins North America, Inc.
7. Boswell Engineering
8. CDM Smith Inc.
9. Cherry, Weber & Associates, P.C.
10. Churchill Consulting Engineers, PC
11. CME Associates
12. D&B Engineers and Architects, PC
13. Dewberry Engineers Inc.
14. French & Parrello Associates, P.A.
15. Gannett Fleming, Inc.
16. Greenman-Pedersen, Inc.
17. Hardesty & Hanover, LLC
18. Hill International, Inc.
19. IH Engineers, P.C.
20. Jacobs Engineering Group Inc.
21. Johnson, Mirmiran & Thompson, Inc.
22. KS Engineers, P.C.
23. KSE-JMT JV
24. KSE/Tectonic – JV
25. LiRo Engineers, Inc.
26. Louis Berger U.S., Inc.
27. M&J Engineering, P.C.
28. Maltra Associates, P.C.
29. MAKS Engineers, PC
30. Maser Consulting P.A.
31. McCormick Taylor, Inc.
32. Michael Baker International, Inc.
33. Mott MacDonald LLC
34. MP Engineers, P.C.
35. NAIK Consulting Group, P.C.
36. OMSUM Engineering LLC
37. Pennoni Associates, Inc.
38. SJH Engineering, P.C.
39. Stantec Consulting Services, Inc.
40. STV Incorporated
41. T&M Associates
42. T.Y. Lin International
43. TechniQuest Corporation
44. Tectonic Engineering & Surveying Consultants P.C.
45. The Temple Group, Inc.
46. Traffic Planning and Design, Inc.
47. Urban Engineers, Inc.
48. WSP USA Inc.

SECTION II

Administrative and Agreement Information

Professional Corporation

Incorporated Firms that have not filed a copy of a Certificate of Authorization, as required by N.J.S.A. 45:8-56, with the Authority must include a copy of the Certificate with the EOI. Professional service corporations established pursuant to the "Professional Service Corporation Act," P.L. 1969, c. 232 (N.J.S.A. 14A:17-1 et seq.), are exempt from this requirement.

Signatures

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

Incurring Costs

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

Addendum to EOI Solicitations

If, at any time prior to receiving EOIs, it becomes necessary to revise any part of this EOI solicitation, or if additional information is necessary to enable a Firm to make an adequate interpretation of the provisions of this EOI solicitation, an addendum to the EOI solicitation will be made available on the Authority's web-site 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 the 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 RFEI 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 sections of its EOI containing personal, financial or proprietary information non-disclosable, which determination shall be in accordance with such Act.

Section III
OPS Procurement Schedule

Posted	December 3, 2018
Deadline for Inquiries	December 10, 2018
Posted Responses to Inquiries	December 11, 2018
Submittal of Expressions of Interest	December 17, 2018
Request for Technical and Sealed Fee Proposals	January 11, 2019
Submittal of Technical Proposals	January 18, 2019
Notify Consultant of Need for Presentation	January 25, 2019
Presentation	February 1, 2019
Recommendation to Award OPS.....	February 2019
Notice to Proceed	March 2019

SECTION IV
Scope of Services

I. SUBJECT OF WORK

- A. The work set forth herein is to be known as the Scope of Services to be rendered for the Order for Professional Services No. T3716, Supervision of Construction Services for Contract Nos. T200.502, Roadway Resurfacing and Interchange 11 Ramp TNO Improvements, Milepost 83 to 122 (2019) and T200.506, Roadway Resurfacing, Milepost 83 to 122 (2019). Work will also include supervision of various immediate repairs on the Turnpike and Parkway roadways on an as needed basis under the current Authority Immediate Repair Contract.
- B. This work shall include engineering services covering all construction supervision of the said construction work as described herein, together with providing the necessary personnel, equipment, transportation and main office facilities to facilitate in every way the performance of such inspection and coordination of construction and in accordance with the Authority's Construction Manual.
- C. The construction work to be performed under Contract No. T200.502 consists of pavement removal and resurfacing the Turnpike mainline roadways, ramps, shoulders maintenance U-turns, Z-turns, toll plazas and other incidental work from Milepost 83 to 122. In addition, the contract will construct operational improvements at Interchange 11 Ramp TNO designed to allow traffic to more safely merge onto the Turnpike Northbound Outer Roadway at this location. Resurfacing work under this contract will specifically focus on the Turnpike mainline roadway from Bridge Structure No. 103.53 to Bridge Structure Nos. E/W 106.68 Northbound and Southbound and includes all ramps and the toll plaza at Interchanges

14 and 14B (inside entry and exit), as well as ramps at Interchange 14C on the Newark Bay Hudson County Extension. The Construction work to be performed under Contract No. T200.506 consists of pavement removal and resurfacing the Turnpike mainline roadways, ramps, shoulders, maintenance U-turns, Z-turns, toll plazas and other incidental work from Milepost 83 to 122. The Authority's Immediate Repair contract consists of emergency repairs on the Turnpike and Parkway roadways on an immediate, as needed basis. The Authority anticipates awarding Contract No. T200.502 at the February 2019 Commission Meeting and T200.506 at the March 2019 Commission Meeting.

- D. The estimated value of Construction Contract No. T200.502 is approximately \$18,000,000 and the estimated duration for construction supervision is twelve (12) months. The estimated value of Construction Contract No. T200.506 is approximately \$20,000,000 and the estimated duration for construction supervision is twelve (12) months.

GENERAL

The Consultant shall provide services which will include, but not be limited to, inspecting all work to ensure that it is done in compliance with the Contract Plans and Specifications, inspecting all construction materials to be used at the site to ensure compliance with the Contract Plans and Specifications, obtaining certifications of all manufactured materials, maintaining as-built information and the preparation of "as-built" plans, and all such other services as may be required to furnish a complete engineering service of high quality. The construction supervision services shall be provided in accordance with the Authority's Construction Manual.

Specifically, the Consultant further agrees to:

1. Assume responsibility for the full-time inspection of construction, and assign sufficient experienced, responsible personnel to man a project of this nature and size. The quality, extent of details of the field inspection provided shall ensure proper control and shall meet with the approval of the Authority.
2. The Consultant is required to designate a part-time Project Manager for the project. The Project Manager or a Principal of the Firm shall be a Professional Engineer licensed in the State of New Jersey. It is expected that the Project Manager attend the Pre-Construction Meetings, along with an orientation with the Authority's Engineering and Operations Departments. Also, he must be available should incidents occur that are critical in nature. This includes responding to calls from the Turnpike staff to be present in the field to observe and/or assist with incidents that affect Turnpike traffic. These call-outs may be at night, and the Project Manager must be reachable 24-hours a day.
3. Provide a full time Resident Engineer for each contract during all periods of construction activity to perform construction inspection and administrative services for cost control, progress control and quality control. Preferably, the Resident Engineer's shall be Licensed Professional Engineers or N.I.C.E.T. (National Institute for the Certification of Engineering Technicians) Level 4 Certified, as well as currently certified by the NJ Society of Asphalt Technologists (NJSAT). Said Engineers and Inspectors, who all must be NJSAT Certified as well, must be experienced in the Administration, Supervision and Inspection of Turnpike/Parkway or Interstate highway pavement resurfacing project.

Resident Engineers shall meet one of the following minimum qualification criteria:

- Licensed Professional Engineer

- Ten years of full time experience, acceptable to the Authority, five years of which shall have been spent full time on construction contracts in the capacity of Resident Engineer.
- Certification by the National Institute for Certification of Engineering Technologies (NICET) as a Transportation Engineering Technician, Highway Construction Level IV.

The Resident Engineers must have also successfully completed the Asphalt Concrete Paving Construction course administered by the New Jersey Society of Asphalt Technologists.

The Resident Engineer/Inspector or person in responsible charge at the job site shall have a cellular phone in his possession at all times for his use in communicating with the Authority's Project Engineer and the Authority personnel involved in lane closing operations.

The Duties of the Resident Engineer shall include, but not be limited to, the following:

- A. Conduct and or attend a Pre-Construction Meeting and other meetings as directed by the Authority.
- B. Attend or send a representative to Lane/Roadway Closing Meetings each Wednesday at the Traffic Management Center in Woodbridge, as directed by the Authority.
- C. Coordinate lane closing requests from the Contractor with other Consultants and Contractors working within or near contract limits.
- D. Instruct all testing laboratories hired by the Consultant as to testing needs and to review all testing reports.
- E. Inspect all construction materials to be used at the site to ensure compliance with the Plans and Specifications.
- F. Review material certifications, as required.
- G. Inspect all construction activities to ensure quality of workmanship.
- H. Provide full-time construction supervision during all phases of construction.
- I. Maintain daily records of the numbers and classification of workers employed by the Contractors using the Authority's CapEx Manager System.
- J. Prepare and approve monthly Certificates of Payment using the Authority's CapEx Manager System.
- K. Prepare and recommend for payment any and all contract Change Orders that may be required. Prepare independent cost estimates for supplemental and or extra work resulting from design or field contract revisions. Negotiate prices with Contractors for changes resulting from design or field contract revisions.
- L. Prepare daily reports of all construction and engineering field work using the Authority's CapEx Manager System.

- M. Prepare and forward, to the Authority, weekly quantity summaries for each item of the contract.
- N. Prepare bi-weekly narrative of progress problems, if any, for transmittal to the Chief Engineer.
- O. Review and approve the Contractor's progress schedule.
- P. Review and approve all testing laboratory invoices as necessary.
- Q. Maintain records covering running totals of quantities and costs while construction is in progress.
- R. Review, approve and process all shop drawings, catalog cuts and methods of work and equipment.
- S. Maintain daily records of the type and size of equipment used on all construction operations using the Authority's CapEx Manager system.
- T. Review traffic protection procedures.
- U. Perform tests required to ensure material compliance with the Plans and Specifications.
- V. Review and approve lane closing request forms prepared by the Contractor prior to submitting forms to the Authority for final approval.
- W. The Resident Engineer shall have a digital camera at his disposal at all times to document, with photographs, any unusual incidents, conditions, or deterioration encountered which should be on record or which might require additional work and result in additional compensation by Change Order.
- X. Ensure that the Contractor complies with all local, state and federal laws, ordinances, rules, regulations or orders, as provided by the Contract. Review the Contract Documents and familiarize himself/herself with, and verify in the field, all evident Electronic Toll Collection (ETC) facilities (in particular installation of fiber optic cable and its ancillary facilities) and any relocation and/or protection requirements identified in the Contract Documents.

The Resident Engineer shall also be familiar with the Contractor's requirements to comply with the "One Call Law" and the N.J. Board of Public Utilities Excavator Handbook for damage prevention of buried utilities. The One Call System can be reached by dialing 811 a minimum of three (3), but no more than ten (10) business days in advance of excavation work or other activity that may adversely affect the ETC facilities.

Review with the Contractor, at the Preconstruction Meeting, the Contract requirements for working at and/or in the vicinity of Authority ETC facilities.

A FIBER OPTIC CABLE CONTRACT DOCUMENT REVIEW CERTIFICATION Form FOC 2/22/00 shall be completed and signed by the Resident Engineer and delivered to the Authority no less than three (3) days prior to the Preconstruction Meeting. This document is found on the Turnpike Authority's website under Professional Services, under the section entitled, "Supplemental Forms."

4. Conduct a Pre-Construction Meeting, attend all meetings called by the Authority and convene job meetings with the Contractors. Monthly or bi-weekly job progress meetings with the Contractors shall be scheduled, as required. The Consultant shall distribute minutes of all meetings after review by the Authority's Project Engineer. Meeting minutes shall be prepared and distributed in five (5) business days. The job progress meetings shall include a monthly review of "best practices". This discussion may be held as a separate break out meeting or in the conduct of the routine progress meeting. Participation by the Design Engineer shall be considered by the Engineer.
5. Review any Contractor's claims and make recommendations with regard to payment of such claims, if requested by the Authority, except as hereinafter provided. Where the performance of such review requires unreasonable time and personnel and is considered by the Authority as "Extra Work", the Authority may increase the payment to the Consultant and, therefore, the Consultant shall be paid equitably for such services and expenses as may be mutually agreed upon by the Consultant and the Authority.
6. Maintain and furnish accurate "as-built" construction drawings to the Authority within thirty (30) calendar days of the Final Inspection. All "As-Built" deliverables shall be in accordance with the Authority's "NJTA Design Guide for the Development of CADD Files, which can be found on the Authority's website. Mylars will be provided by the Authority.
7. Participate in the final inspection of the completed work, measure all pay items of work and certify that the work has been completed in accordance with the Plans and Specifications, and that the final estimate of payment to the Contractor is correct.
8. Provide N.I.C.E.T. and NJ SAT Certified Inspectors during all periods of construction activity for each contract. All field Inspectors must have successfully completed the Asphalt Pavement Concrete Construction course and currently be certified by the New Jersey Society of Asphalt Technologists. The duties of the inspectors shall include, but not be limited to the following:
 - a) Inspect all construction materials to be used at the site to ensure compliance with plans and specifications.
 - b) Inspect all construction activities to ensure quality of workmanship.
 - c) Maintain daily records of the numbers and classification of workers employed by the Contractors using the Authority's CapEx Manager system.
 - d) Prepare daily reports of all construction and engineering field work using the Authority's CapEx Manager system.
 - e) Prepare and forward to the Authority weekly quantity summaries for each item of the contract, with an appropriate format.
 - f) Maintain records covering running totals of quantities and costs while construction is in progress.
 - g) Maintain daily records of the type and size of equipment used on all construction operations using the Authority's CapEx Manager system.

- h) Review traffic protection procedures.
- i) Attend meetings or conferences as directed by the Authority.
- j) Perform tests required to ensure material compliance with the Plans and Specifications.

Appendix A to this RFEI includes a Material Acceptance Criteria Matrix. The matrix has been tailored for this program based on the construction being performed. The project specific matrix is incorporated into the solicitation for supervision of construction services for OPS T3716 to better define the work for the construction supervision consultant as it relates to shop and working drawings.

9. Establish procedures to monitor the expending and processing of shop drawings. Recommend such necessary action as may be required to prevent installation of materials and equipment, which have not yet been properly approved or certified. Ascertain that all manufacturers' tests required by the specifications are performed before materials or equipment are incorporated in the work. Report promptly any work or materials which fail to conform to the Contract Drawings or Specifications. Recommend such actions as are necessary and adequate to obtain acceptable work and materials. Notify the Contractor of any and all unacceptable work or material immediately.
10. The Consultant shall solicit cost proposals from multiple testing laboratories for the core testing services required for this assignment. A summary of these costs, along with the Consultant's recommendations as to which firm(s) to engage, shall be presented to the Authority's Project Engineer for review and approval within 30 days of the notice to proceed. The Consultant's recommendations shall be based on an assessment of the testing laboratory/laboratories accreditations, technical capabilities, availability and cost. The Consultant shall not proceed with the implementation of testing services without written approval from the Authority's Project Engineer. The testing laboratory/laboratories shall be AASHTO accredited and it shall be the Consultants responsibility to confirm that their accreditations are up to date for the services to be provided. Testing laboratories shall be retained and managed by the Consultant. The Consultant will be reimbursed by the Authority as a direct expense. **For the purpose of developing the Fee Proposal, the Consultant shall include \$350,000.00 as a direct expense for testing services.**
 - a. Perform all on-site, off-site and plant testing and inspection using qualified inspectors and technicians, or arrange to have the testing and inspection performed by an approved testing agency. In either case, the qualifications of those performing the testing and inspection shall be approved by the Authority's Project Manager. Testing and inspection shall be performed in accordance with the Authority's Construction Manual, Standard Specification dated 2016 and as amended by the Contracts Supplementary Specifications.
 - b. There shall be at least one plant inspector and one testing technician to perform the testing and inspection at each bituminous concrete batch plant. The plant inspector shall check the truck weights, trucks for cleanliness, stock piles, screens, temperatures and the overall plant operation. The materials technician shall perform the testing of the various bituminous mixes, which shall include a minimum of one hot bin sample for combined gradation per day and additional testing as required by the New Jersey Turnpike Authority's Standard Specification dated 2016 and as amended by the Contracts Supplementary Specifications.
 - c. Furnish equipment for making on-site tests, except that equipment for the design and control of bituminous mixes shall be provided at the plant by the Contractor.

- d. Visually inspect all construction material delivered to the site and incorporated in the work for compliance with the contract requirements; obtain Manufacturer's Certificates of Compliance for all products.
 - e. Arrange for all off-site inspection and testing services specializing a commercial testing laboratory. Direct and coordinate with the laboratory the type, range and number of tests to be taken in accordance with the NJTA Standard Specifications dated 2004, the contract's Supplementary Specifications and the Authority's Manual for Construction.
 - f. Review and recommend all testing laboratory invoices and submit to the Authority for reimbursement as a direct expense.
 - g. Notify the Authority of any additional testing or inspection necessary to ensure compliance with the Specifications. The Authority shall have sole right to decide if such additional testing and inspection is required and, if required, he will also decide if such testing and inspection is "on-site" or "off-site."
 - h. **The Consultant shall conduct a meeting(s) post construction with the Design Engineer and Contractor to review the project in its entirety for the purpose of identifying areas for improvement and areas of excellence from the perspective of each participant. The Consultant shall develop the meeting agenda with input and approval from the Authority's Project Engineer. The purpose of the meeting is to provide an open forum to discuss and review measurable and actionable recommendations for future projects. The participants shall include key project personnel, principals and decision makers from each firm. The Consultant shall identify their finding and recommendations in a "Best Practices" document which shall detail items for further consideration and evaluation by the Authority. The document shall be in a format approved by the Authority's Project Engineer delivered to the Authority following the conclusion of construction during the contract closeout process.**
11. The Consultant may assign a construction inspection trainee for this project. The trainee shall meet one of the following educational requirements:
- High School Diploma (\$18/hour)
 - Associates in Science in Civil or Construction Engineering Technology Bachelor of Science in Civil or Construction (\$26/hour)
 - Engineering Technology Bachelor of Science in Civil Engineering (\$30/hour)

The Consultant will be reimbursed at a wage rate not to exceed the hourly costs indicated above. The trainee shall attain a NICET Certification within six months of their assignment to the project to remain on the project. The trainee shall accomplish NICET II Certification within 24 months of their assignment to the project to remain on the project for assignments longer than 24 months. Periodically, the Authority's Project Engineer will assess the trainee's progress and contributions to the project. The trainee's continuation and participation on the project will be subject to the approval of the Authority's Project Engineer for the project duration. The trainee's hours may be increased at the discretion of the Authority's Project Engineer. If in the Project Engineer's opinion, the trainee is not meeting the project requirements, the trainee will be relieved of his/her duties. In such cases, the Consultant must obtain formal written approval from the Authority's Project Engineer to backfill the open trainee's position.

SECTION V
Staffing Estimate
 OPS No. T3716

Classification (ASCE-Grade)	Pre-Construction	Construction	Post-Construction	Total Hours
Project Manager (PT)	20	460	20	500
T200.502	80	2,000	240	2,320
Resident Engineer (FT)				
Inspector, NICET III (FT)	80	2,000	240	2,320
Inspector, NICET III (FT)	40	2,080	120	2,240
Inspector, NICET III (FT)	40	2,080	120	2,240
Inspector, NICET II (PT)		1,760		1,760
T200.506	80	2,000	240	2,320
Resident Engineer (FT)				
Inspector, NICET III (FT)	80	2,000	240	2,320
Inspector, NICET III (FT)	40	2,080	120	2,240
Inspector, NICET III (FT)	40	2,080	120	2,240
Inspector, NICET II (PT)		1,760		1,760
CADD Operator			300	300
Office Engineer	40	740	80	860
Unanticipated Services and Emergency Repairs		1,600		1,600
Inspection Trainee		800		800
Total Hours	540	23,440	1,840	25,820

Section VI **Compensation Basis**

Effective February 28, 2011 the New Jersey Turnpike Authority will no longer issue Non-Revenue Toll Passes to consultants working on Authority projects. Also, effective this date, the Consultant will be responsible for paying all tolls.

Following a review of submitted Expressions of Interest, the Authority will request Technical and 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 2.50, 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 2.50. The multiplier covers all overhead and profit. No expenses or costs shall be billed unless specifically included in this EOI Solicitation. 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.

Effective August 1, 2015, 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 sub-consultants;
- Supplements to OPS Agreements executed prior to August 1, 2015 will not be permitted salary increases.

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 Proposals. 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 Section V.

Direct expenses shall include subconsultant services, laboratory testing services and mileage. Mileage will be paid at the prevailing rate. Mileage will be reimbursed for travel between the field office and the job site and return.

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

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

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

**SECTION VII
NEW JERSEY TURNPIKE AUTHORITY
SMALL BUSINESS ENTERPRISE SUBCONSULTING 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). Your Expression of Interest (EOI) must include either (1) evidence of the use of subconsultants who are registered with the Division as a 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. 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 which submitted higher than acceptable fee estimates; and
7. 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.

SECTION VIII
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

GOODS, PROFESSIONAL SERVICE AND GENERAL SERVICE CONTRACTS

During the performance of this contract, the contractor agrees as follows:

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 expression, the contractor will ensure that equal employment opportunity is afforded to such applicants in recruitment and employment, and that employees are treated during employment, without regard to their age, race, creed, color, national origin, ancestry, marital status, affectional 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, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided by the Public Agency Compliance Officer setting forth provisions of this nondiscrimination clause.

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

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

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

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

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

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

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

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

Letter of Federal Affirmative Action Plan Approval

Certificate of Employee Information Report

Employee Information Report Form AA302 (electronically provided by the Division and distributed to the public agency through the Division's website at www.state.nj.us/treasury/contract_compliance).

The contractor and its subcontractors shall furnish such reports or other documents to the Division of Public Contracts Equal Employment Opportunity Compliance as may be requested 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 Public Contracts Equal Employment Opportunity Compliance for conducting a compliance investigation pursuant to Subchapter 10 of the Administrative Code at N.J.A.C.17:27.

SECTION IX
State Contractor Political Contributions Compliance
Public Law 2005, Chapter 51, Executive Order 134 and Executive Order 117

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 Public Law 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 Public Law 2005, c.51 contain restrictions and reporting requirements that will necessitate a thorough review of the provisions. Pursuant to the requirements of PL 2005, c.51, the terms and conditions set forth in this section are material terms of any OPS resulting from this RFEI or RFP:

DEFINITIONS

For the purpose of this section, 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." P.L. 1973, c. 83 (C.19:44A-1 et seq.), 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 section 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 REQUIREMENTS

- 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 RFP, as well as future contract opportunities.
- c) Further, the Contractor 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 his designee shall review the Disclosures submitted pursuant to this section, 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 P.L. 2005, C. 271

Contractor 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 P.L. 2005, c. 271, section 3 if the contractor receives contracts in excess of \$50,000 from a public entity in a calendar year. It is the contractor'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 www.elec.state.nj.us.

ADDITIONAL DISCLOSURE REQUIREMENT OF P.L. 2005, C. 51 (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 P.L. 2005, c. 51 ("Chapter 51"), 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.

Executive Order No. 117 applies only to contributions made on or after November 15, 2008, and to contracts executed on or after November 15, 2008.

Only the intended Awardee will be required to submit the required P.L. 2005 c. 51/Executive Order 117 and P.L., 2005, c. 271 forms. The **combined** Chapter 51/Executive Order 117 form and the Chapter 271 form are available on the Department of Treasury Division of Purchase and Property's website at: <http://www.state.nj.us/treasury/purchase/forms.htm>.

SECTION X
Set-Off for State Tax
(N.J.S.A. 54:49-19)

Please be advised that pursuant to P.L. 1995. C. 159, effective January 1, 1996 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 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 section shall stay the collection of the indebtedness. Interest that may be payable by the State pursuant to P.L. 1987, c. 184 (c.582:32-32et seq.) to the taxpayer, the provider of goods or services, or the contractor or subcontractor of construction projects shall be stayed.

SECTION XI
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.

SECTION XII
Source Disclosure Certification

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

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

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

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

SECTION XIII
Disclosure of Investment Activities in Iran

Pursuant to N.J.S.A. 52:32-57(a), the bidder must certify that neither the Proposer, nor one of its parents, subsidiaries, and/or affiliates (as defined in N.J.S.A. 52:32-56(e)(3)), is listed on the Department of Treasury's List of Persons or Entities Engaging in Prohibited Investment Activities in Iran and that neither is involved in any of the investment activities set forth in N.J.S.A. 52:32-56(f). If the Proposer is unable to so certify, the Proposer shall provide a detailed and precise description of such activities to the Authority. Each Proposer (and all Subconsultants) shall certify under penalty of perjury, date and return to the Authority the completed form entitled "Disclosure of Investment Activities in

Iran" form which is available on the Authority's website with your Firm's Expression of Interest (EOI). Failure to include the completed form, certified and dated, shall be grounds for rejection of Proposer's Expression of Interest (EOI).

Pursuant to N.J.S.A. 52:32-57(a), any person or entity that is on the list of entities that are doing business with Iran is ineligible to and shall not bid on or submit a proposal for a contract with the Authority.

SECTION XIV **Antidiscrimination Provisions**

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

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

SECTION XV
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.

Section XVI
ADA Indemnification

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 Section. 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.

Section XVII **Diane B. Allen Equal Pay Act**

Please be advised that in accordance with 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>

Contract No. T200.502
Roadway Resurfacing and Interchange 11 Ramp TNO Improvements
Milepost 83 to 122 (2019)

PAY ITEM	Item Spec Number	Pay Item Description	Paym Unit	Standard Description	Source	Testing	Division 900 - Conformance	Other Conformance	Shop Drawings	Mix Design	QC Plan	MHI Certifications	Certifications of Compliance	Receiving Tickets	Reviewer (CM or DE)	No. in the Bid Spec or Sup
1	104-0001	Construction Layout	L.S.	Control of Work				X							CM	SS & 100-28
2	104-0002	Mobilization	L.S.	Control of Work				X							CM	SS & 100-30
3	108-0001	Fuel Price Adjustment (No Bid Item)	USD	Price Adjustment											CM	SS
4	202-0001	Roadway Excavation, Earth	C.Y.	Roadway Excavation											CM	SS & 200-5
5	208-0022	Inlet Filter, Type 2	EA	Temporary Soil Erosion and Dust Control			X	X					X		CM	SS & 200-26
6	301-0001	Aggregate base Course, 6.5" Thick	S.Y.	Aggregate Base Course	X	X	X	X	X	X	X	X	X	X	CM	SS & 300-3
7	302-0001	Hot Mix Asphalt 19M76 Intermediate Course	Ton	HMA Pavements	X	X	X	X	X	X	X	X	X	X	CM	SS & 300-5
8	302-0002	Hot Mix Asphalt 12.5M76 Surface Course	Ton	HMA Pavements	X	X	X	X	X	X	X	X	X	X	CM	SS & 300-5
9	302-0063	Asphalt Price Adjustment (No Bid Item)	USD	Asphalt Price Adjustment											CM	SS
10	302-0064	Tack Coat	GAL	HMA Pavements	X	X	X	X	X	X	X	X	X	X	CM	SS
11	302-0071	Polymerized Joint Adhesive	L.F.	HMA Pavements	X	X	X	X	X	X	X	X	X	X	CM	SS
12	302-0072	Bluminous Core Samples	EA	HMA Pavements	X	X	X	X	X	X	X	X	X	X	CM	SS & 300-5
13	303-0001	Berm Surfacing, 3" Thick	S.Y.	Shoulder and Berm Surfacing	X	X	X	X	X	X	X	X	X	X	CM	SS & 300-39
14	305-0003	Pavement Removal, 2 1/2" Depth	S.Y.	Pavement Removal and Surface Milling				X							CM	SS & 300-5
15	305-0006	Pavement Removal, 2" Depth	S.Y.	Pavement Removal and Surface Milling				X							CM	SS & 300-5
16	306-0001	Milled Rumble Strip	L.F.	Milled Rumble Strip				X							CM	SS & 300-63
17	502-0005	15 inch Reinforced Concrete Pipe, Class III	L.F.	Storm Drains			X	X	X	X	X	X	X	X	CM	500-7
18	503-0002	Reset Frame, Various Types with Extensions	EA	Manholes and Inlets	X		X	X	X	X	X	X	X	X	CM	500-10
19	503-0008	Inlet, Type D1	EA	Manholes and Inlets	X		X	X	X	X	X	X	X	X	CM	500-10
20	503-0293	Reset Frame	EA	Manholes and Inlets	X		X	X	X	X	X	X	X	X	CM	SS & 500-10
21		Capping Existing Drainage Structures	EA	Manholes and Inlets	X		X	X	X	X	X	X	X	X	CM	SS
22	505-0001	Asphalt Concrete Lip Curb	L.F.	Asphalt Concrete Lip Curb and Lip Curb Inlets											CM	SS & 500-15
23	510-0001	Beam Guide Rail	L.F.	Guide Rail				X							CM	500-27
24	510-0014	Parapet Connection, Type A	EA	Guide Rail				X							CM	500-27
25	510-0017	Flared Guide Rail Terminal	EA	Guide Rail				X							CM	500-27
26	510-0031	Removal of Beam Guide Rail	L.F.	Guide Rail				X							CM	500-27
27	516-0008	Traffic Stripes, Epoxy Resin	L.F.	Pavement Stripes and Markings	X		X	X	X	X	X	X	X	X	CM	SS
28	516-0009	Traffic Stripes, Long Life, Thermoplastic	L.F.	Pavement Stripes and Markings	X		X	X	X	X	X	X	X	X	CM	SS
29	516-0011	Traffic Markings, Lines, Long Life, Thermoplastic	L.F.	Pavement Stripes and Markings	X		X	X	X	X	X	X	X	X	CM	SS
30	516-0013	Traffic Markings, Symbols, Long Life, Thermoplastic	S.F.	Pavement Stripes and Markings	X		X	X	X	X	X	X	X	X	CM	SS
31	517-0002	Furnish Field Office, Type B	L.S.	Maintain Field Office			X	X	X	X	X	X	X	X	CM	SS & 500-49
32	517-0008	Maintain Field Office, Type B	Month	Maintain Field Office			X	X	X	X	X	X	X	X	CM	SS & 500-49
33	517-0013	Furnish Office Supplies	USD	Maintain Field Office				X							CM	SS & 500-49
34	530-0001	Raised Pavement Markers	EA	Raised Pavement markers	X		X	X	X	X	X	X	X	X	CM	SS
35	605-0023	In-Pavement Wireless Sensor	EA	Wireless Vehicle Detection	X		X	X	X	X	X	X	X	X	CM	700-5
36	702-0001	Topsoil	S.Y.	Topsoiling	X		X	X	X	X	X	X	X	X	CM	700-6
37	704-0003	Seeding, Type C	S.Y.	Seeding and Sodding	X		X	X	X	X	X	X	X	X	CM	SS
38	801-0001	Furnishing Traffic Control Devices	L.S.	Lane & Shoulder Closing	X		X	X	X	X	X	X	X	X	CM	800-13
39	801-0002	Furnishing Precast Concrete Construction Barrier	L.F.	Traffic Control Devices	X		X	X	X	X	X	X	X	X	CM	800-13
40	801-0003	Placing and Removing Precast Concrete Construction Barrier	L.F.	Traffic Control Devices	X		X	X	X	X	X	X	X	X	CM	800-13
41	801-0007	Traffic Protection Patrol	M.H.	Lane & Shoulder Closing											CM	SS
42	801-0008	Flaggers	M.H.	Lane & Shoulder Closing											CM	SS
43	801-0010	Furnishing Temporary Impact Attenuator	EA	Traffic Control Devices	X		X	X	X	X	X	X	X	X	CM	800-13
44	801-0011	Placing and Removing Temporary Impact Attenuator	EA	Traffic Control Devices	X		X	X	X	X	X	X	X	X	CM	800-13
45	801-0013	Furnishing Truck with Mounted Attenuator	EA	Traffic Control Devices	X		X	X	X	X	X	X	X	X	CM	800-13

Contract No. T200.506
 Roadway Resurfacing
 Milepost 83 to 122 (2019)

PAY ITEM	Item Spec Number	Pay Item Description	Paym Unit	Standard Specification Description	Source	Testing	Division 900 - Conformance	Other Conformance	Shop Drawings	Mix Design	QC Plan	Mill Certifications	Certifications of Compliance	Receiving Tickets	Reviewer (CM or DE)	Reference Page No. in the Std Spec or Sup
1	104-0002	Mobilization	L.S.	Control of Work				X							CM	SS & 100-30
2	108-0001	Fuel Price Adjustment (No Bid Item)	USD	Price Adjustment											CM	SS
3	302-0002	Hot Mix Asphalt 12.5M76 Surface Course	Ton	HMA Pavements	X	X	X		X		X		X		CM	SS & 300-5
4	302-0063	Asphalt Price Adjustment (No Bid Item)	USD	Asphalt Price Adjustment	X	X	X	X	X				X		CM	SS
5	302-0064	Tack Coat	GAL	HMA Pavements	X	X	X	X	X				X		CM	SS
6	302-0071	Polymerized Joint Adhesive	L.F.	HMA Pavements	X	X	X	X	X		X		X		CM	SS
7	302-0072	Bituminous Core Samples	EA.	HMA Pavements			X	X	X		X				CM	SS & 300-5
8	305-0003	Pavement Removal, 2 1/2 " Depth	S.Y.	Pavement Removal and Surface Milling				X			X				CM	SS & 300-5
9	306-0001	Milled Rumble Strip	L.F.	Milled Rumble Strip				X			X				CM	SS & 300-63
10	503-0002	Reset Frame, Various Types with Extensions	EA.	Manholes and Inlets	X		X	X	X		X			X	CM	SS & 500-10
11	503-0293	Reset Frame	EA.	Manholes and Inlets	X		X	X	X		X			X	CM	SS & 500-10
12	505-0001	Asphalt Concrete Lip Curb	L.F.	Asphalt Concrete Lip Curb and Lip Curb Inlets										X	CM	SS & 500-15
13	516-0008	Traffic Stripes, Epoxy Resin	L.F.	Pavement Stripes and Markings	X		X	X	X				X	X	CM	SS
14	516-0009	Traffic Stripes, Long Life, Thermoplastic	L.F.	Pavement Stripes and Markings	X		X	X	X				X	X	CM	SS
15	516-0011	Traffic Markings, Lines, Long Life, Thermoplastic	L.F.	Pavement Stripes and Markings	X		X	X	X				X	X	CM	SS
16	516-0013	Traffic Markings, Symbols, Long Life, Thermoplastic	S.F.	Pavement Stripes and Markings	X		X	X	X				X	X	CM	SS
17	517-0002	Furnish Field Office, Type B	L.S.	Maintain Field Office				X							CM	SS & 500-49
18	517-0008	Maintain Field Office, Type B	Month	Maintain Field Office				X							CM	SS & 500-49
19	517-0013	Furnish Office Supplies	USD	Maintain Field Office				X							CM	SS & 500-49
20	530-0001	Raised Pavement Markers	EA.	Raised Pavement markers	X		X	X	X					X	CM	SS
21	605-0023	In-Pavement Wireless Sensor	EA.	Wireless Vehicle Detection			X	X	X					X	CM	SS
22	801-0001	Furnishing Traffic Control Devices	L.S.	Lane & Shoulder Closing	X		X	X							CM	SS
23	801-0007	Traffic Protection Patrol	M.H.	Lane & Shoulder Closing				X							CM	SS
24	801-0008	Flaggers	M.H.	Lane & Shoulder Closing				X							CM	SS