

**New Jersey Turnpike Authority**  
**ADDENDUM No. 2**  
**TO THE**  
**SOLICITATION FOR REQUESTS FOR EXPRESSIONS OF INTEREST**  
**ORDER FOR PROFESSIONAL SERVICES No. A4121**  
**SUPERVISION OF CONSTRUCTION SERVICES FOR CONTRACT NO. A500.760**  
**SOLAR PILOT PROGRAM & ROOF REPLACEMENT AT VARIOUS LOCATIONS**

October 24, 2023

TO ALL QUALIFIED FIRMS:

The original Solicitation for Requests for Expressions of Interest dated October 10, 2023 for OPS No. A4121 is hereby amended as noted in this Addendum No. 2, which shall become part of the OPS requirements.

**Item No. 1 Solicitation Letter, Page No. 2 of 40, Project Description, replace the paragraphs under project description with the following:**

“OPS No. A4121 is for the professional services required for construction supervision of Contract No. A500.760. The Successful Qualified Firm shall complete all required construction supervision and provide the necessary personnel, equipment, and transportation to ensure that the subject contract is performed in accordance with the contract plans and specifications. Contract No. A500.760 primarily consists of the installation of photovoltaic (PV) solar power systems on two separate roofs at the following Authority Maintenance District:

**Turnpike Maintenance District 2: Moorestown - New Jersey Turnpike MP 37.1**

Principal contract work items include the installation and connection of solar PV systems as well as both site and building electrical infrastructure improvements. Work includes roof replacement for a concrete salt shed structure at TMD2, with the installation of a new lightning protection system. The proposed PV systems are approximately 250 kW in combined rated capacity and include all required system components to create an operational project that is interconnected with the respective utility service. Contract work also includes the deployment of a PV monitoring system through the Authority’s existing Building Management System (BMS) platform. In addition to construction supervision services, OPS A4121 is to provide independent commissioning of each installed PV system consistent with industry standards.

The required staffing for this OPS includes a full-time Resident Engineer (PE/NICET IV or equivalent), a part-time Project Manager (PE), a part-time Electrical Inspector, a part-time roofing inspector (IIBEC RRC or equivalent), and a part-time PV systems Installation Professional/Commissioning Agent (NABCEP certified or equivalent). It is anticipated that Contract No. A500.760 will be awarded at the December 2023 Commission Meeting. The estimated construction cost for Contract No. A500.760 is \$2,300,000 with an estimated duration of eleven (11) months, including contract closeout.”

**Item No. 2 Solicitation Letter, Page No. 12 of 38, Subsection B1, OPS Procurement and Project Schedule, replace entire section with this updated Project Schedule:**

Request for Expressions of Interest Posted .....	October 10, 2023
Deadline for Written Inquiries .....	October 16, 2023
Posted Responses to Inquiries .....	October 18, 2023
Deadline for Submittal of Expressions of Interest.....	October 30, 2023
Recommendation to Award OPS.....	December 2023

**Anticipated OPS Schedule**

Notice to Proceed .....	January 2024
Completion of Services .....	December 2024
Administration Project Closeout .....	December 2024

**Item No. 3 Solicitation Letter, Page No. 13 of 38, Subsection B2, Scope of Services, delete “Introduction” Section and replace with the following:**

“OPS No. A4121 is for the professional services required for construction supervision of Contract No. A500.760. The Successful Qualified Firm shall complete all required construction supervision and provide the necessary personnel, equipment, and transportation to ensure that the subject contract is performed in accordance with the contract plans and specifications. Contract No. A500.760 primarily consists of the installation of photovoltaic (PV) solar power systems on two separate roofs at the following Authority Maintenance District:

**Turnpike Maintenance District 2: Moorestown - New Jersey Turnpike MP 37.1**

Principal contract work items include the installation and connection of solar PV systems as well as both site and building electrical infrastructure improvements. Work includes roof replacement for a concrete salt shed structure at TMD2, with the installation of a new lightning protection system. The proposed PV systems are approximately 250 kW in combined rated capacity and include all required system components to create an operational project that is interconnected with the respective utility service. Contract work also includes the deployment of a PV monitoring system through the Authority’s existing Building Management System (BMS) platform. In addition to construction supervision services, OPS A4121 is to provide independent commissioning of each installed PV system consistent with industry standards.

The required staffing for this OPS includes a full-time Resident Engineer (PE/NICET IV or equivalent), a part-time Project Manager (PE), a part-time Electrical Inspector, a part-time roofing inspector (IIBEC RRC or equivalent), and a part-time PV systems Installation Professional/Commissioning Agent (NABCEP certified or equivalent). It is anticipated that Contract No. A500.760 will be awarded at the December 2023 Commission Meeting. The estimated construction cost for Contract No. A500.760 is \$2,300,000 with an estimated duration of eleven (11) months, including contract closeout.”

**Item No. 4 Solicitation Letter, Page No. 15 of 38, Subsection B2, Scope of Services, delete the following paragraph:**

4. Provide one (1) part-time Construction Inspector. The Construction Inspector shall be NICET certified (Level III) for inspection services. Inspectors shall be certified by the American Concrete Institute (ACI) minimum Field-Testing Technician, Grade 1. The duties of the Inspector shall include, but not be limited to the following:
  - a. Inspect all construction materials to be used at the site to ensure compliance with the 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. Review and coordinate submittals as required per the Plans and Specifications.
  - j. Attend meetings or conferences as directed by the Authority.
  - k. Perform tests required to ensure material compliance with the Plans and Specifications.

**Item No. 5 Solicitation Letter, Page No. 16 of 38, Subsection B2, Scope of Services, delete the paragraph beginning "Provide an International Institute of Building Enclosure Consultants (IIBEC) Registered Roof Consultant (RRC) or equivalent" and replace with the following:**

Provide an International Institute of Building Enclosure Consultants (IIBEC) Registered Roof Consultant (RRC) or equivalent. The RRC shall serve as a subject-matter expert and assist with the supervision and inspection of all roof-related construction, as well as the installation of the PV systems and their interaction with the existing roof systems at all contract locations. The duties of the Registered Roof Consultant shall include, but not be limited to the following:

- a. Participate in any preconstruction roofing inspections.
- b. Inspect all construction materials to be used at the site to ensure compliance with plans and specifications.
- c. Inspect all construction activities to ensure quality of workmanship and adherence to safety requirements.
- d. Prepare daily reports of all construction and engineering field work for distribution to the Resident Engineer.
- e. Prepare and forward to the Resident Engineer 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. Attend meetings or conferences as directed by the Authority.
- i. Perform tests required to ensure material compliance with the Plans and Specifications.

**Item No. 6 Solicitation Letter, Page No. 19 of 38, Subsection B2, Scope of Services, replace “Reference Materials” Section with the following:**

The contract documents are available for review electronically through the Authority’s Secure File Sharing Site. Access to the secure workspace will be provided to all prequalified and eligible Qualified Firms via e-mail as part of the RFE01 notification process. If there are any questions or issues related to the Secure File Sharing Site, please contact Chris Majcher via e-mail at [majcher@njta.com](mailto:majcher@njta.com). The subject line should read, “OPS No. A4121 Secure File Sharing Site Information. The Following reference material is available for review:

- a) Contract No. A500.760 Revised Phase D Submission Plans
- b) Contract No. A500.760 Revised Phase D Submission Specifications
- c) Contract No. A500.760 Revised Phase D Project Schedule
- d) Revised Phase D Material Acceptance Criteria Matrix

**Item No. 7 Solicitation Letter, Page No. 19 of 38, Subsection B3, Staffing Estimate, replace the Staffing Estimate with the following:**

Classification (ASCE-Grade)	Regular	Overtime	Unanticipated	Total Hours
Project Manager (PE) - PT	180	-	-	180
Resident Engineer (PE/NICET IV or Equivalent) - FT	1,600	-	200	1,800
Electrical Inspector - PT	400	-	-	400
PV Systems Installation/Commissioning Professional (NABCEP or Equivalent) - PT	560	-	-	560
Roofing Consultant (IIBEC RRC Certified or Equivalent) - PT	240	-	-	240
Drafting/CADD Tech - PT	120	-	-	120
<b>Total Hours</b>	<b>3,100</b>	<b>-</b>	<b>200</b>	<b>3,300</b>

Very truly yours,

**ORIGINAL SIGNED BY**

Michael Garofalo, P.E.  
Chief Engineer

MG:CM:gc

c: K. McGoldrick  
C. Majcher  
Review Committee  
File