

**AMERICAN IRON & STEEL WAIVER REQUEST REVIEW APPLICATION**

**NEW JERSEY AMERICAN WATER**  
**(Project Owner)**

**WATER TREATMENT PLANT FLOOD WALL – RARITAN MILLSTONE** 2004002-500  
**(Name of Project)** **(NJSRF Clean Water Funded Project Number)**

**GENERAL**

**Description of the Construction Material:** AZ38-700N sheet piling that is to be used in conjunction with the specified pipe piling to form the contract specified ‘Combi Wall System’. The AZ section of sheet piling is not produced domestically.

**Quantity and Unit of Measure:** 500 LF of Wall (+Pipe = 670 LF of Wall) at 41’ Deep

**Price:** \_\_\_\_\_

**Time of delivery or availability:** Availability now

**Location of the construction project:** Bridgewater, NJ

**Name and address of proposed supplier and/or Manufacturer:** Supplier: Skyline Steel 5700 Corporate Drive, Suite 660, Pittsburgh, PA 15237

**Detailed justification for the use of foreign construction materials:** The AZ section of sheet piling is not produced domestically. The specified ‘Combi Wall’ is a system that contains the AZ38-700N sheets. There is no equal to the AZ38-700N. Also, the AZ38-700N is designed as part of the wall system. The reason that AZ38-700N was specified is because of the tight interlock. U.S. manufactured hot-rolled sheet pile uses a ball-and-socket interlock that results in soil and water passing through the interlocks. Because this combi-wall serves as a bulkhead wall to a lagoon with seasonally fluctuating water levels based on the plant’s operating schedule, proper wall performance needs a tight interlock, not a loose, ball-and-socket interlock. For this reason, the purchase of the foreign sheet pile is necessary.

**AVAILABILITY WAIVER REQUEST**

**Domestic Supplier Information:** Not available domestically.

**Project Schedule (provide NTP date and completion date along with project schedule)** NTP 2/22/2017  
Substantial Completion 6/1/2018 Final Completion 12/31/2018

**List and provide supporting documentation:** The AZ38-700N was the specified sheet which the combi wall was designed with. There is no domestic alternative.

**Efforts to Locate Available Domestic Source:** The AZ38-700N was the specified sheet which the combi wall was designed with. There is no domestic alternative.

NJDEP Project Engineer: Robert M. Hopkins, P.E.

NJDEP Section Chief: William P. Machotka, P.E.

This waiver request was submitted to the EPA by the state of New Jersey. All supporting correspondence and/or documentation from contractors, suppliers or manufacturers included as a part of this waiver request was done so by the recipient to provide an appropriate level of detail and context for the submission. Some referenced attachments with project diagrams, schedules, and supplier correspondence are in formats that do not meet the Federal accessibility requirements for publication on the Agency's website. Hence, these exhibits have been omitted from this waiver publication. They are available upon request by emailing [SRF\\_AIS@epa.gov](mailto:SRF_AIS@epa.gov).