Stainless steel rebar was chosen for its durability as a reinforcement material in concrete structures. A ferritic grade was selected over a austenitic grade because of its low thermal expansion properties and low cost.

Location/environment  TOKYO, JAPAN/OUTDOOR
Product  DEFORMED STAINLESS STEEL BARS
Fabrication process  BENDING
Grade/surface  TYPE 410L/PICKLED
Material thickness/diameter  13 AND 19 MM
Weight  1.2 TONS
Competing material  EPOXY COATED REINFORCEMENT BARS
Date of completion  SEPTEMBER 2006
Manufacturer  NSSC HIKARI WORKS
Material supplier  NSSC
Source of information  JSSA/NSSC
Remarks