# *Brooklyn-Port Authority Marine Terminal – Brooklyn Cruise Terminal – Shore Power Installation – Project Re-Authorization*

**Committee on Construction**
**June 28, 2012**

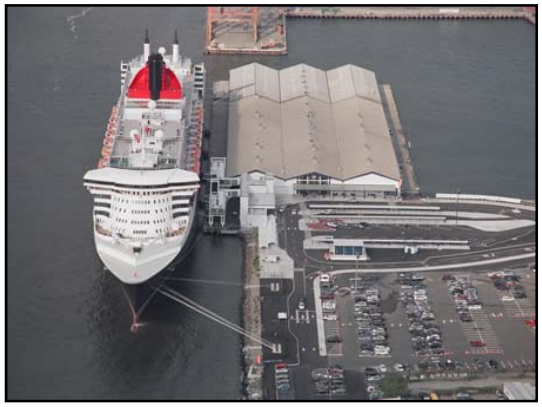
# Background – Brooklyn Cruise Terminal

# *Shore Power Installation Project Scope of Work*

- Project Scope:
  - ➢construction of three isolation transformers, switchgear and an outdoor substation
  - ➢routing of power via duct bank from the outdoor substation to the shore power substation
  - ➢cable handling equipment for routing of power to the vessel interface

# *Project Benefits*

- Improves air quality by reducing emissions from cruise ships berthed immediately adjacent to a densely populated residential area
- Reduces the amount of fuel used by cruise ships while at berth
- Results in health benefits to the local community
- Results in a projected total economic impact of 30 job-years, $1.4 million in wages and $22 million in economic activity



## *Shore Power Installation Project*
## *Requested Increase and Project Schedule*

- Previously Authorized Amount: $15.0 million*
- Additional Funding Requested: $ 4.3 million**
- Revised Total Project Cost: $19.3 million

- Staff: $1.7 million
- Consultants: $5 million *(including $3.1 million for the purchase of equipment)*

- Forecasted Construction Completion: September 2014

** $2.858 million funded through USEPA Grant*

*** Funding to be provided through the PA's Bi-State Dredging commitment at the request of the State of New York*