



January 29, 2018

Dear Proponents

RE: Heritage Wharf Cathodic Protection

The Government of Bermuda, Ministry of Public Works has received the following questions from interested bidders and offers the following answers that will form Addendum 2.

The following addendum supersedes information contained in drawings and specifications issued for this project to the extent referenced. This addendum forms part of the Tender Documents and is subject to all of the conditions set out in the contract conditions.

1. In the Design Requirements and Criteria, paragraph 2.5, page 46, you require the use of an initial coating breakdown factor of 5% for immersed areas and 50% for buried areas, and a depletion rate of 2% per year.
Do we have to use the same conditions in our design: "initial coating breakdown factor of 5% for immersed areas and 50% for buried areas, and a depletion rate of 2% per year" for the existing old piles that we are going to protected?
 - Response: This part of the specification shall be used where practical. Piles shall not be removed and existing buried piles shall not be exposed. Bidders are asked to outline any advantages in their proposal which may protect buried sections or the interface between submerged and buried.
2. Can you confirm the mean current density at 100 mA/m². This value is 43 percent higher than what we typically use in the Caribbean sea (70 mA/m²)
 - Response: The mean current density used in this project is higher, due to the higher salinity in our waters. This reduces the resistivity and potentially increases corrosion in the splash zone. The figure used here (100mA/m²) was specified following experience on structures in similar saline conditions in other parts of the world. The mean current density is confirmed.
3. Can you confirm the design life is 50 yrs. This value is more than double of what is typically use (20 yrs)
 - Response: Due to the age of the existing deck and piles, and the corrosion what has already taken place, the design life will be reduced to 30 years.
4. Can we have a deadline extension for 1 week in order to finalize our proposal?
 - Response: The deadline for the submission of tenders has been put back by one week to Wednesday 14th February 2018, 3.00 PM, AST

Please note that all addenda will be posted on the Governments Procurement Notice Site, www.gov.bm .